

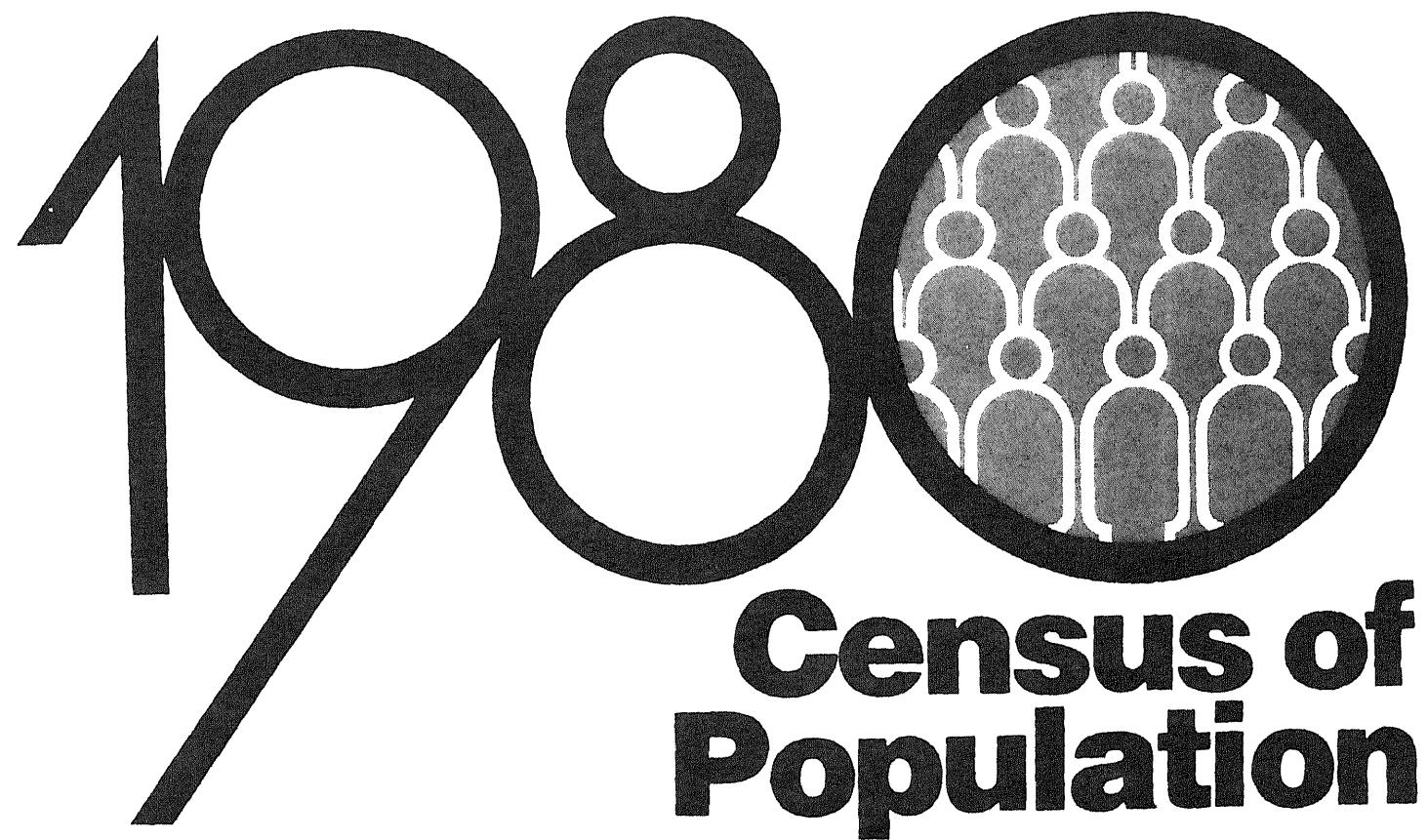
PC80-1-D6
Calif.

CHARACTERISTICS OF THE POPULATION

Detailed Population Characteristics

CALIFORNIA

Section 2 of 4



U.S. Department of Commerce
BUREAU OF THE CENSUS

1980

**Census of
Population**

VOLUME 1
CHARACTERISTICS OF THE POPULATION

CHAPTER D

Detailed Population Characteristics

PART 6
CALIFORNIA

PC80-1-D6

Section 2: Tables 220—230

Issued November 1983



U.S. Department of Commerce
Malcolm Baldrige, Secretary
Robert G. Dederick,
Under Secretary for
Economic Affairs

BUREAU OF THE CENSUS
C. L. Kincannon, Acting Director



Detailed Population Characteristics

CALIFORNIA

PC80-1-D6

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Rural		Rural	
SMSA's of 250,000 or More		SMSA's of 250,000 or More	
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The State		The State	
Rural		Rural	
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Central Cities		Central Cities	

Table Finding Guide—Subjects by Type of Area and Table Number

This guide lists all of the social and economic subjects covered in this report but does not show all the cross-classifications by age and/or sex. Furthermore, cross-classifications generally appear only under one of the main variables. Table numbers shown here in boldface type (e.g., **194**) identify tables which contain data for those racial and/or Spanish origin groups (if any) that meet, in the given area, the quantitative criteria described in the Introduction. Historical information appears only in tables 217 and 226, which present 1970-1980 comparable data on occupation and industry, respectively.

Subject	The State		SMSA's of 250,000 (and, in selected tables, central cities*)
	Total	Rural	
SOCIAL CHARACTERISTICS			
Nativity	194, 196		
Place of birth	194		
Citizenship	194, 195, 197		195, 197
Year of immigration	195, 196		195
Country of birth	195, 196		195
Language spoken at home and ability to speak			
English	197, 198, 199		198
Residence in 1975	200		
School enrollment:			
By age	201, 202		
By sex	201		
By type of school	202		
By family income	202		
By poverty status	202		
By veteran status	204		
Years of school completed	203, 237	203, 237	237
Veteran status	204		
Marital status and marital history	205, 208	205, 208	205, 208
Household relationship	206	206	206
Group quarters	207	207	207
Families:			
By marital status of householder	208	208	208
By type and composition	209, 210	209, 210	209, 210
Fertility (children ever born)	211, 212		
ECONOMIC CHARACTERISTICS			
Labor force status in 1980:			
By age and sex	213		213
By household type and age of own children	215		215
Labor force status in 1979:			
By age and sex	214		214
Of householders and other household members	215		215
By household type and age of own children	215		215
Of husbands and wives	216		216
Occupation:			
Experienced civilian labor force			
By detailed classification	217, 218	218	
By race and Spanish origin	218		
By earnings and labor force status in 1979	222		222
Employed			
By detailed classification	217, 219	219	219
By race and Spanish origin	219		219
By class of worker	220		220
By hours worked	220		220
By age	221		221
By years of school completed	223		
By industry	224, 225		
Industry:			
Experienced civilian labor force			
By detailed classification	226		
By race and Spanish origin	227	227	227
By earnings and labor force status in 1979	231		231
Employed			
By occupation	224, 225		
By detailed classification	226		
By race and Spanish origin	228	228	228
By class of worker	229		229
By hours worked	229		229
By age	230		230

*Data for central cities appear in tables 245 to 251.

Table Finding Guide—Subjects by Type of Area and Table Number

This guide lists all of the social and economic subjects covered in this report but does not show all the cross-classifications by age and/or sex. Furthermore, cross-classifications generally appear only under one of the main variables. Table numbers shown here in boldface type (e.g., **194**) identify tables which contain data for those racial and/or Spanish origin groups (if any) that meet, in the given area, the quantitative criteria described in the Introduction. Historical information appears only in tables 217 and 226, which present 1970-1980 comparable data on occupation and industry, respectively.

Subject	The State		SMSA's of 250,000 (and, in selected tables, central cities*)
	Total	Rural	
ECONOMIC CHARACTERISTICS—Con.			
Place of work:			
By means of transportation	233		232
By earnings in 1979	233		232
By poverty level			232
By occupation	233		232
By industry	233		
Earnings in 1979:			
By labor force status in 1979	236		236
By families	241	241	241
Income in 1979 of persons:			
By age and sex	234	234	234
By household type and relationship	235	235	235
By labor force status in 1979	236		236
By years of school completed	237	237	237
By unrelated individuals	239, 243	239, 243	239, 243
Income in 1979 of families:			
By family type and age	238	238	238
By persons in family	240	240	240
By type of income	243	243	243
Income in 1979 of households:			
By selected characteristics	242	242	242
By type of income	243	243	243
By household size and composition	244	244	244
Poverty Status in 1979:			
Persons			
By age and sex	245	245	245
By household relationship	245	245	245
By specified poverty level	245	245	245
Excluding public assistance and/or Social Security Income	249		249
Families			
By selected labor force characteristics	246	246	246
By years of school completed	247	247	247
By type of income	248	248	248
By income	250	250	250
By income deficit	251	251	251
By persons in family	250, 251	250, 251	250, 251
Unrelated individuals			
By selected labor force characteristics	246	246	246
By years of school completed	247	247	247
By type of income	248	248	248
By income	250	250	250
By income deficit	251	251	251

*Data for central cities appear in tables 245 to 251.

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

CALIFORNIA	EMPLOYED PERSONS							PERSONS AT WORK				
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				41+ HOURS	
		TOTAL	FEDERAL	STATE			15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS			
TOTAL												
MALES 16 YEARS AND OVER	6 088 529	4 614 065	861 546	241 339	182 590	437 617	598 615	14 303	199 344	659 504	3 238 954	1 831 871
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	1 623 108	1 071 659	342 274	65 629	92 309	184 336	206 505	2 670	39 365	111 141	827 181	618 518
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	839 914	629 874	111 587	33 031	26 580	51 976	96 395	2 058	12 027	38 376	414 414	362 904
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	19 918	26	19 892	6 047	4 624	9 221	-	-	232	675	13 282	5 439
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	21 629	4 573	16 755	286	4 219	12 250	280	21	375	847	10 513	9 571
MANAGERS, MEDICINE AND HEALTH	5 694	3 809	1 537	323	542	672	348	-	48	189	2 956	2 361
OTHER SPECIFIED MANAGERS	143 689	128 177	6 603	3 017	1 291	2 295	8 503	406	1 948	5 804	70 672	63 403
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	396 488	368 936	27 552	7 410	6 739	13 403	-	-	4 545	15 473	187 839	182 918
MANUFACTURING	118 050	117 516	534	383	58	93	-	-	810	2 448	58 015	55 236
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	33 474	29 850	3 624	947	317	2 360	-	-	228	894	17 183	14 617
WHOLESALE AND RETAIL TRADE	98 588	98 234	354	226	63	65	-	-	1 091	4 701	38 780	52 176
ALL OTHER INDUSTRIES	146 376	123 336	23 040	5 854	6 301	10 885	-	-	2 416	7 430	73 861	60 889
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	66 648	-	-	-	-	-	65 251	1 397	1 809	5 226	21 824	36 559
CONSTRUCTION	7 735	-	-	-	-	-	7 666	69	197	922	3 410	2 978
MANUFACTURING	12 411	-	-	-	-	-	12 204	207	243	700	4 294	7 016
WHOLESALE AND RETAIL TRADE	23 358	-	-	-	-	-	22 765	593	632	1 352	6 591	14 390
ALL OTHER INDUSTRIES	23 144	-	-	-	-	-	22 616	528	737	2 252	7 529	12 175
MANAGEMENT RELATED OCCUPATIONS	185 848	124 353	39 248	15 948	9 165	14 135	22 013	234	3 070	10 162	107 328	62 653
ACCOUNTANTS AND AUDITORS	68 598	47 761	10 761	4 305	3 086	3 370	9 979	97	928	3 441	37 870	25 569
BUYERS AND PURCHASING AGENTS	25 789	22 629	1 711	768	295	648	1 410	39	242	1 059	15 652	8 497
PROFESSIONAL SPECIALTY OCCUPATIONS	783 194	441 785	230 687	32 598	65 729	132 360	110 110	612	27 338	72 765	412 767	255 614
ENGINEERS, ARCHITECTS, AND SURVEYORS	219 641	179 135	28 761	12 979	7 236	8 556	11 718	27	1 827	8 029	149 069	57 497
ARCHITECTS	15 651	8 802	1 090	347	302	441	5 732	-	271	1 156	8 254	5 787
ENGINEERS	201 271	168 701	26 879	12 438	6 804	7 657	5 691	-	1 513	6 633	139 100	51 041
ELECTRICAL AND ELECTRONIC ENGINEERS	54 193	48 610	4 533	3 020	716	797	1 050	-	321	1 715	37 954	13 354
MECHANICAL ENGINEERS	20 310	18 068	1 657	942	416	299	585	-	129	661	14 068	5 188
OTHER ENGINEERS	126 768	102 230	20 689	8 476	5 672	6 541	4 056	-	1 063	4 257	87 078	32 499
SURVEYORS AND MAPPING SCIENTISTS	2 719	1 632	792	194	120	478	295	-	43	240	1 715	669
MATHEMATICAL AND COMPUTER SCIENTISTS	32 118	25 740	5 339	2 581	1 627	1 131	1 021	18	235	1 291	21 699	8 437
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	22 099	18 418	2 822	1 228	898	696	841	18	159	865	14 689	6 110
NATURAL SCIENTISTS	27 409	14 862	11 382	4 996	4 627	1 759	1 165	-	463	1 692	17 233	7 519
HEALTH DIAGNOSING OCCUPATIONS	71 784	33 904	9 509	2 436	3 397	3 676	28 364	7	1 286	7 091	21 803	40 339
PHYSICIANS	47 938	24 922	8 657	2 143	3 078	3 436	14 352	7	754	2 589	11 199	32 523
DENTISTS	13 960	5 306	495	180	173	142	8 159	-	225	3 060	6 857	3 581
OTHER HEALTH DIAGNOSING PRACTITIONERS	9 886	3 676	357	113	146	98	5 853	-	307	1 442	3 747	4 235
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	26 843	18 784	5 537	1 238	1 462	2 837	2 499	23	776	2 644	13 706	9 222
REGISTERED NURSES	6 705	4 416	2 027	414	708	905	262	-	102	750	4 031	1 651
PHARMACISTS	10 065	7 806	842	307	230	305	1 405	12	406	921	4 452	4 138
THERAPISTS	6 898	4 640	1 581	329	414	838	666	11	166	683	4 182	1 764
TEACHERS, LIBRARIANS, AND COUNSELORS	168 778	33 670	130 938	2 601	37 749	90 588	4 130	40	10 717	23 175	83 533	47 370
TEACHERS, POSTSECONDARY	44 358	10 133	34 225	771	23 213	10 241	-	-	4 385	7 630	16 690	14 132
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	58 559	6 953	51 575	266	6 135	45 174	31	-	1 994	6 301	33 490	15 501
TEACHERS, SECONDARY	35 273	4 358	30 915	195	3 754	26 966	-	-	1 211	3 477	18 675	11 325
SOCIAL SCIENTISTS AND URBAN PLANNERS	17 289	9 306	5 593	736	1 299	3 558	2 374	16	382	1 507	9 699	5 508
SOCIAL AND RECREATION WORKERS	23 151	5 651	16 756	1 267	3 068	12 421	735	9	722	2 125	15 166	4 657
RELIGIOUS WORKERS	22 479	19 043	207	82	60	65	3 229	-	851	1 911	6 361	13 057
LAWYERS AND JUDGES	55 227	23 025	9 698	1 735	2 761	5 202	22 480	24	1 227	4 028	21 705	27 689
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	118 475	78 665	6 967	1 947	2 453	2 567	32 395	448	8 852	19 272	52 793	34 319
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1 281 064	990 516	165 010	91 026	32 354	41 630	122 936	2 602	43 110	147 877	677 483	386 784
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	219 554	170 295	42 782	18 208	13 637	10 937	6 324	153	5 436	19 979	135 190	54 146
HEALTH TECHNOLOGISTS AND TECHNICIANS	22 194	15 895	5 878	1 730	1 846	2 302	392	29	565	2 605	12 414	6 131
LICENSED PRACTICAL NURSES	2 476	1 956	424	134	70	220	89	7	37	464	1 340	553
ENGINEERING AND SCIENCE TECHNICIANS	110 406	88 290	18 873	9 005	4 845	5 023	3 172	71	2 404	7 723	72 529	25 474
ELECTRICAL AND ELECTRONIC TECHNICIANS	41 060	33 826	6 735	4 943	916	876	456	43	439	1 984	27 248	10 692
DRAFTING AND SURVEYING TECHNICIANS	33 397	27 411	4 305	1 252	803	2 250	1 681	-	727	2 954	22 739	6 283
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	86 954	66 110	18 031	7 473	6 946	3 612	2 760	53	2 467	9 651	50 247	22 541
AIRPLANE PILOTS AND NAVIGATORS	11 525	10 824	400	249	48	103	288	13	658	3 277	4 192	2 809
COMPUTER PROGRAMMERS	30 090	24 698	4 200	1 297	1 590	1 313	1 185	7	581	1 955	19 772	7 369
SALES OCCUPATIONS	616 595	498 657	6 018	1 896	1 522	2 600	110 055	1 865	22 590	82 237	271 923	228 262
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	124 784	85 154	662	398	72	192	-	-	38 393	575	1 912	5 738
SELF-EMPLOYED	38 968	-	-	-	-	-	-	-	38 393	575	1 025	2 671
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	158 573	115 288	2 476	546	621	1 309	40 524	285	4 887	16 796	74 342	59 863
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	113 701	101 691	237	130	27	80	11 627	146	1 819	6 593	63 526	40 373
SALES WORKERS, RETAIL AND PERSONAL SERVICES	218 481	195 765	2 580	798	802	980	19 291	845	13 922	52 958	89 607	56 788
CASHIERS	45 768	42 946	1 516	328	558	630	1 096	210	3 214	15 745	18 989	6 511
SALES RELATED OCCUPATIONS	1 056	759	63</									

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

CALIFORNIA

	EMPLOYED PERSONS										PERSONS AT WORK				
	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS		15 TO 34 HOURS		35 TO 40 HOURS		41+ HOURS		
		TOTAL	FEDERAL	STATE			LOCAL								
TOTAL															
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	444 915	321 564	116 210	70 922	17 195	28 093	6 557	584	15 084	45 661	270 370	104 376			
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	59 027	41 982	16 416	8 457	3 301	4 658	598	31	497	1 716	36 905	18 993			
COMPUTER EQUIPMENT OPERATORS	20 133	16 577	3 328	1 252	989	1 087	228	-	431	1 479	13 322	4 556			
SECRETARIES, STENOGRAPHERS, AND TYPISTS.	11 065	7 227	3 237	1 137	734	1 366	568	33	707	1 455	6 669	2 002			
SECRETARIES.	5 882	4 873	875	278	234	363	114	20	347	716	3 560	1 135			
RECEPTIONISTS	2 809	1 799	963	218	298	447	36	11	389	621	1 411	337			
FILE CLERKS	6 656	5 154	1 470	726	270	474	24	8	512	1 130	3 881	1 030			
FINANCIAL RECORDS PROCESSING OCCUPATIONS.	32 064	25 605	4 498	1 518	1 323	1 657	1 775	186	1 414	3 982	19 247	6 819			
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	23 878	19 167	2 899	844	865	1 190	1 626	186	1 212	3 111	14 000	5 126			
TELEPHONE OPERATORS	4 391	4 095	279	67	49	163	17	-	155	496	2 914	711			
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS.	57 077	13 068	43 722	42 498	505	719	269	18	1 526	4 333	33 051	16 906			
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	79 212	72 193	6 776	3 141	1 054	2 581	210	33	2 424	9 222	49 370	16 307			
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	8 302	7 754	139	25	114	-	409	-	92	372	5 666	2 079			
BANK TELLERS	6 876	6 666	178	111	15	52	32	-	248	1 543	3 995	936			
DATA-ENTRY KEYERS	4 657	3 819	790	258	331	201	48	-	131	591	2 899	933			
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	152 646	115 625	34 414	11 514	8 212	14 688	2 343	264	6 558	18 721	91 042	32 767			
SERVICE OCCUPATIONS.	604 256	402 616	171 769	19 821	32 408	119 540	28 217	1 654	41 637	121 116	296 508	127 484			
PRIVATE HOUSEHOLD OCCUPATIONS	4 479	4 418	-	-	-	-	61	-	859	1 291	1 493	739			
PROTECTIVE SERVICE OCCUPATIONS	141 209	43 796	96 151	8 742	14 097	73 312	1 250	12	2 806	11 165	69 126	54 186			
FIREFIGHTING OCCUPATIONS	22 199	472	21 700	2 257	1 560	17 883	27	-	48	370	3 743	17 446			
POLICE AND DETECTIVES, PUBLIC SERVICE	36 943	-	36 943	2 214	5 291	29 438	-	-	144	738	21 546	13 718			
GUARDS	52 575	40 543	10 839	2 540	1 981	6 318	1 181	12	2 514	9 451	26 391	12 439			
OTHER PROTECTIVE SERVICE OCCUPATIONS	29 492	2 781	26 669	1 731	5 265	19 673	42	-	100	606	17 446	10 583			
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	458 568	354 402	75 618	11 079	18 311	46 228	26 906	1 642	37 972	108 660	225 889	72 559			
FOOD PREPARATION AND SERVICE OCCUPATIONS	208 082	194 432	7 199	2 274	2 163	2 762	5 590	861	18 683	66 131	84 937	32 625			
WAITERS AND FOOD COUNTER WORKERS	32 686	31 832	402	133	102	167	366	86	2 853	14 292	11 089	3 371			
COOKS	80 100	73 893	2 860	903	790	1 167	2 977	370	5 971	22 132	34 101	15 919			
HEALTH SERVICE OCCUPATIONS	21 668	14 156	7 100	1 368	3 427	2 305	42	966	4 054	12 181	3 946				
NURSING AIDS, ORDERLIES, AND ATTENDANTS	16 187	9 970	5 808	961	3 103	1 744	370	39	704	2 845	9 392	2 792			
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	179 674	115 398	54 082	6 511	11 145	36 426	9 643	551	14 172	26 532	107 859	25 315			
PERSONAL SERVICE OCCUPATIONS	49 144	30 416	7 237	926	1 576	4 735	11 303	188	4 151	11 943	20 912	10 673			
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	19 577	9 602	245	153	46	46	9 670	60	670	2 562	9 619	6 315			
FARMING, FORESTRY, AND FISHING OCCUPATIONS	251 477	167 286	21 498	3 125	3 942	14 431	60 011	2 682	15 087	32 551	95 045	99 064			
FARM OPERATORS AND MANAGERS	46 263	12 487	242	86	53	103	33 534	1 541	4 675	11 248	28 067				
FARM OCCUPATIONS, EXCEPT MANAGERIAL	114 423	110 183	1 894	510	470	824	360	2 078	5 199	13 230	37 340	52 666			
RELATED AGRICULTURAL OCCUPATIONS	80 512	38 710	17 659	1 313	3 095	13 231	23 646	497	7 941	13 068	41 624	15 439			
FORESTRY AND FISHING OCCUPATIONS	10 277	5 906	1 793	1 216	324	2 471	107	406	1 578	4 833					
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	1 181 668	954 747	86 372	38 094	11 319	36 959	137 855	2 694	22 953	108 235	693 470	320 273			
MECHANICS AND REPAIRERS	369 326	300 794	34 904	17 890	3 721	13 293	32 931	697	6 293	21 604	220 787	110 940			
AUTOMOBILE MECHANICS, INCLUDING BODY	120 539	96 376	6 686	2 380	905	3 401	17 178	299	2 398	8 287	68 760	38 077			
AIRCRAFT MECHANICS	20 454	16 154	4 122	3 902	48	172	161	17	158	617	14 955	4 248			
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	12 426	9 432	1 480	631	147	702	1 491	23	327	1 165	8 044	2 571			
OTHER MECHANICS AND REPAIRERS	215 907	178 832	22 616	10 977	2 621	9 018	14 101	358	3 410	11 535	129 028	66 044			
CONSTRUCTION TRADES	437 978	323 043	29 303	9 613	4 930	14 760	84 234	1 398	11 874	67 672	256 707	85 497			
CARPENTERS	112 350	86 043	4 498	1 539	667	2 292	21 188	621	3 101	21 539	65 788	16 788			
ELECTRICIANS	48 985	38 322	6 423	2 911	947	2 565	4 187	53	917	4 862	31 601	10 198			
PAINTERS, CONSTRUCTION AND MAINTENANCE	44 910	27 481	4 250	1 289	717	2 244	12 969	210	1 899	8 566	25 971	6 506			
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	41 128	31 764	4 384	1 951	379	2 054	4 897	83	902	5 292	26 202	7 332			
OTHER CONSTRUCTION TRADES	190 605	139 433	9 748	1 923	2 220	5 605	40 993	431	5 055	27 413	107 145	44 673			
EXTRACTIVE OCCUPATIONS	9 600	9 025	148	60	18	70	414	13	166	420	4 734	3 757			
PRECISION PRODUCTION OCCUPATIONS	364 764	321 885	22 017	10 531	2 650	8 836	20 276	586	4 620	18 539	211 242	120 079			
SUPERVISORS, PRODUCTION OCCUPATIONS	145 596	134 206	7 658	3 184	954	3 520	3 554	178	1 123	3 972	79 666	57 597			
MANUFACTURING	99 880	96 543	1 541	1 201	107	233	1 764	32	686	2 230	54 809	40 114			
PRECISION METALWORKING OCCUPATIONS	98 818	88 170	6 369	4 950	515	904	4 158	121	1 106	5 373	57 521	31 668			
TOOL AND DIE MAKERS	11 414	10 607	291	247	36	8	516	-	124	519	5 616	4 793			
MACHINISTS	57 740	52 763	2 978	2 103	371	504	1 909	90	594	2 624	32 520	20 239			
SHEET METAL WORKERS	14 449	12 391	1 842	1 513	72	257	203	13	106	1 228	9 944				

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B.

CALIFORNIA		EMPLOYED PERSONS										PERSONS AT WORK					
		PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS		UNPAID FAMILY WORKERS			1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS			
			TOTAL	FEDERAL	STATE	LOCAL											
TOTAL																	
OPERATORS, FABRICATORS, AND LABORERS	1 146 956	1 027 241	74 623	23 644	10 258	40 721	43 091	2 001	37 192	138 584	649 267	279 748					
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	467 646	431 807	20 270	9 174	3 572	7 524	14 993	576	8 948	35 465	301 996	105 256					
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	297 034	274 646	12 429	4 960	2 609	4 860	9 578	381	5 590	2 537	23 578	12 237					
METALWORKING AND PLASTIC WORKING	40 221	38 487	798	430	125	243	886	50	560	2 472	14 828	3 837					
PRINTING MACHINE OPERATORS	32 009	28 629	1 688	404	613	671	1 627	65	591	2 433	20 440	7 682					
TEXTILE, APPAREL, AND FURNISHINGS	22 553	19 132	949	186	268	495	2 391	81	763	2 444	19 893	506					
MACHINE OPERATORS	2 880	2 745	90	26	13	51	40	5	83	303	1 893	506					
TEXTILE SEWING MACHINE OPERATORS	8 206	7 798	154	29	3	122	235	19	173	523	6 329	945					
LAUNDERING AND DRYCLEANING	8 009	5 337	671	110	246	315	1 962	39	403	1 214	4 359	1 787					
MACHINE OPERATORS	95 660	88 200	4 378	1 960	918	1 500	2 957	125	1 773	7 708	60 965	21 497					
MISCELLANEOUS AND NOT SPECIFIED	106 591	100 198	4 616	1 980	685	1 951	1 717	60	1 903	6 851	70 098	23 735					
OCCUPATION:																	
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	41 065	39 090	1 189	501	260	428	756	30	697	2 663	26 494	9 613					
MACHINE OPERATORS, NOT SPECIFIED	65 526	61 108	3 427	1 479	425	1 523	961	30	1 206	4 188	43 604	14 122					
INDUSTRY:																	
MANUFACTURING	87 843	85 293	1 559	825	218	516	947	44	1 318	5 102	58 081	19 960					
NONDURABLE GOODS	29 102	28 504	338	124	61	153	248	12	486	1 890	19 008	6 289					
FOOD AND KINDRED PRODUCTS	6 978	6 889	56	5	15	36	33	-	111	336	4 411	1 673					
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	2 066	1 998	29	12	5	12	32	7	59	218	1 347	372					
PAPER AND ALLIED PRODUCTS	5 880	5 806	74	38	9	27	-	-	81	244	3 810	1 454					
OTHER NONDURABLE GOODS	14 178	13 811	179	69	32	78	183	5	235	1 092	9 440	2 790					
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	58 741	56 789	1 221	701	157	363	699	32	832	3 212	39 073	13 671					
METAL INDUSTRIES	15 667	15 233	363	176	36	151	71	-	258	693	10 582	3 648					
MACHINERY, INCLUDING ELECTRICAL	16 195	15 694	167	62	23	82	317	17	231	978	10 132	4 366					
TRANSPORTATION EQUIPMENT	9 465	8 952	494	390	32	72	19	-	99	384	6 058	2 585					
OTHER DURABLE GOODS	17 414	16 910	197	73	66	58	292	15	244	1 157	12 301	3 072					
NONMANUFACTURING INDUSTRIES	18 748	14 905	3 057	1 155	467	1 435	770	16	585	1 749	12 017	3 775					
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	3 155	2 244	886	149	78	659	25	-	65	96	2 298	587					
WHOLESALE AND RETAIL TRADE	7 236	6 849	50	26	10	14	327	10	180	692	4 497	1 557					
ALL OTHER INDUSTRIES	8 357	5 812	2 121	980	379	762	418	6	340	961	5 222	1 631					
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	136 250	125 502	5 361	2 841	713	1 807	5 226	161	2 876	11 461	90 589	26 960					
WELDERS AND CUTTERS	51 899	46 174	3 057	1 717	334	1 006	2 618	50	754	3 199	34 213	11 909					
ASSEMBLERS	76 247	72 958	1 890	907	318	665	1 306	93	1 758	7 049	51 637	13 466					
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	8 104	6 370	414	217	61	136	1 302	18	364	1 213	4 739	1 585					
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	34 362	31 659	2 480	1 373	250	857	189	34	482	2 003	21 498	9 308					
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	351 960	299 066	30 571	6 132	3 958	20 481	21 821	502	9 717	34 186	172 492	121 629					
MOTOR VEHICLE OPERATORS	256 538	216 357	21 673	3 360	2 162	16 151	18 099	409	7 522	26 207	117 979	95 195					
TRUCK DRIVERS AND DRIVER-SALES WORKERS	211 108	185 230	9 117	2 591	941	5 585	16 405	356	5 847	20 034	97 202	80 139					
BUS DRIVERS	21 476	11 104	10 229	293	1 003	8 933	137	6	536	2 645	9 667	7 727					
RAIL AND WATER TRANSPORTATION OCCUPATIONS	14 951	13 597	1 138	610	105	423	200	16	250	970	6 469	6 054					
MATERIAL MOVING EQUIPMENT OPERATORS	80 471	69 112	7 760	2 162	1 691	3 907	3 522	77	1 945	7 009	48 044	20 380					
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	6 907	4 756	575	61	54	460	1 560	16	314	1 051	3 677	1 669					
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	327 350	296 368	23 782	8 338	2 728	12 716	6 277	923	18 527	68 933	174 779	52 863					
CONSTRUCTION LABORERS	65 182	58 970	5 946	598	4 403	-	266		2 890	11 508	38 133	9 376					
FREIGHT, STOCK, AND MATERIAL HANDLERS	94 191	87 908	5 029	2 342	323	2 364	1 108	146	6 845	29 820	40 931	13 642					
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	27 234	25 566	798	270	59	469	769	101	2 113	8 556	10 427	5 486					
HAND PACKERS AND PACKAGERS	18 055	16 899	1 029	676	89	264	109	18	6 683	1 908	11 744	3 010					
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	29 522	26 684	1 939	695	295	949	734	165	1 830	5 393	16 498	4 590					
LABORERS, EXCEPT CONSTRUCTION	93 166	80 341	9 041	3 757	1 017	4 267	3 557	227	4 166	11 748	57 046	16 759					
MANUFACTURING	31 245	30 325	694	396	51	247	189	37	806	2 825	20 969	5 349					
NONDURABLE GOODS	12 782	12 585	128	22	15	91	64	5	420	1 212	8 320	2 271					
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	18 463	17 740	566	376	36	156	125	32	386	1 613	12 649	3 078					
METAL INDUSTRIES	4 586	4 516	58	37	13	8	7	5	88	308	3 175	821					
NONMANUFACTURING INDUSTRIES, AND OTHER PUBLIC UTILITIES	61 921	50 016	8 347	3 361	966	4 020	3 368	190	3 360	8 923	36 077	11 410					
WHOLESALE AND RETAIL TRADE	31 227	30 111	433	248	66	119	634	49	1 336	4 436	18 440	5 944					
ALL OTHER INDUSTRIES	19 402	11 096	5 657	2 844	848	1 965	2 508	141	1 675	3 480	10 194	3 417					

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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CALIFORNIA	EMPLOYED PERSONS								PERSONS AT WORK					
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				15 TO 34 HOURS		35 TO 40 HOURS	41+ HOURS
		TOTAL	FEDERAL	STATE			1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL														
FEMALES 16 YEARS AND OVER	4 551 876	3 417 957	886 225	150 454	198 217	537 554	212 551	35 143	292 728	1 053	585	2 478	896	569 534
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	1 048 653	616 639	351 326	33 581	75 325	242 420	74 062	6 626	62 435	188	574	575	221	191 621
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	436 923	331 741	68 519	18 557	20 293	29 669	31 614	5 049	11 324	48	717	267	195	99 530
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	8 143	42	8 101	2 555	1 810	3 736	-	-	212	732	5 708	1	288	
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	16 258	6 285	9 297	209	3 248	5 840	606	70	940	2 284	8 597	4	024	
MANAGERS, MEDICINE AND HEALTH	6 422	4 474	1 454	164	616	674	476	18	137	631	3 801	1	716	
OTHER SPECIFIED MANAGERS	66 466	58 736	3 679	1 843	680	1 156	3 401	650	2 465	7 381	38 757	16	224	
MANAGERS AND ADMINISTRATORS, N.E.C.	165 024	148 670	16 354	2 912	4 584	8 858	-	-	3 483	18 976	98 668	40	082	
SALARIED	21 814	21 686	128	81	12	35	-	-	237	1 367	14 030	5	745	
MANUFACTURING														
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	10 838	10 355	483	140	69	274	-	-	147	494	7 157	2	743	
WHOLESALE AND RETAIL TRADE	40 797	40 426	371	193	79	99	-	-	770	5 336	21 567	12	085	
ALL OTHER INDUSTRIES	91 575	76 203	15 372	2 498	4 424	8 450	-	-	2 329	11 779	55 914	19	509	
MANAGERS AND ADMINISTRATORS, N.E.C.	24 478	-	-	-	-	-	20 831	3 647	1 171	4 879	8 439	9	479	
SELF-EMPLOYED	556	-	-	-	-	-	404	152	55	154	237	101		
CONSTRUCTION	3 205	-	-	-	-	-	2 825	380	127	691	1 217	1	135	
MANUFACTURING	10 936	-	-	-	-	-	9 608	1 328	438	1 984	3 637	4	661	
WHOLESALE AND RETAIL TRADE	9 781	-	-	-	-	-	7 994	1 787	551	2 050	3 348	3	582	
ALL OTHER INDUSTRIES	150 132	113 534	29 634	10 874	9 355	9 405	6 300	664	2 916	13 834	103 225	26	717	
MANAGEMENT RELATED OCCUPATIONS	55 513	41 672	11 257	4 756	2 749	3 752	2 270	314	1 133	5 082	37 898	10	331	
ACCOUNTANTS AND AUDITORS	19 569	16 968	1 973	970	350	653	561	67	299	1 744	13 499	3	563	
BUYERS AND PURCHASING AGENTS														
PROFESSIONAL SPECIALTY OCCUPATIONS	611 730	284 898	282 807	15 024	55 032	212 751	42 448	1 577	51 111	139 857	308 026	92	091	
ENGINEERS, ARCHITECTS, AND SURVEYORS	13 687	11 754	1 275	548	369	358	626	32	303	976	9 295	2	752	
ARCHITECTS	1 625	928	184	60	75	49	495	18	192	255	801	348		
ENGINEERS	11 961	10 770	1 053	480	270	303	124	14	111	700	8 421	2	397	
ELECTRICAL AND ELECTRONIC ENGINEERS	3 515	3 431	66	48	11	5	20	-	23	97	2 510	771		
Mechanical Engineers	495	457	32	16	10	6	6	-	7	22	381	79		
Other Engineers	7 951	6 882	957	416	249	292	98	14	81	581	5 530	1	547	
SURVEYORS AND MAPPING SCIENTISTS	101	56	38	8	24	6	7	-	21	75	7			
MATHEMATICAL AND COMPUTER SCIENTISTS	11 964	9 339	2 356	874	830	652	250	19	169	1 060	8 580	1	848	
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	7 348	6 017	1 093	455	370	268	219	19	89	590	5 206	1	281	
NATURAL SCIENTISTS	7 587	4 766	2 557	936	1 152	469	264	-	223	1 130	4 659	1	361	
HEALTH DIAGNOSING OCCUPATIONS	10 120	5 168	2 327	374	799	1 154	2 551	74	423	2 179	3 855	3	390	
PHYSICIANS	7 313	5 530	2 102	325	736	1 041	1 656	25	291	1 342	2 673	2	789	
DENTISTS	1 221	698	126	38	13	75	382	15	26	427	548	204		
OTHER HEALTH DIAGNOSING PRACTITIONERS	1 586	940	99	11	50	38	513	34	106	410	634	397		
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	147 210	109 682	33 994	4 820	8 489	20 685	3 212	322	5 900	36 386	77 973	21	113	
REGISTERED NURSES	122 618	94 212	26 295	4 060	6 677	15 558	1 845	266	4 407	31 176	64 255	17	797	
PHARMACISTS	3 109	2 593	401	71	142	188	108	7	266	723	1 699	329		
THERAPISTS	15 344	8 724	5 689	381	1 169	4 139	903	28	898	3 413	8 405	2 069		
TEACHERS, LIBRARIANS, AND COUNSELORS	283 876	67 051	206 820	3 634	36 630	166 556	9 797	208	31 714	67 554	138 939	36	415	
TEACHERS, POSTSECONDARY	25 159	5 571	19 588	314	11 191	8 083	-	-	5 611	7 438	7 463	3	538	
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	173 871	38 855	134 371	1 932	15 650	116 789	612	33	12 560	38 919	94 193	22	468	
TEACHERS, SECONDARY	35 896	5 647	30 249	260	3 616	26 373	-	-	3 294	7 641	18 220	5	720	
SOCIAL SCIENTISTS AND URBAN PLANNERS	11 404	5 502	4 071	392	947	2 732	1 804	27	695	2 189	6 048	2	219	
SOCIAL AND RECREATION WORKERS	31 915	10 249	20 488	1 594	2 696	16 198	1 096	82	1 537	5 458	19 928	4	040	
RELIGIOUS WORKERS	4 806	4 080	99	52	6	61	627	778	996	1 564	1	392		
LAWYERS AND JUDGES	11 135	6 023	2 961	665	807	1 489	2 122	29	351	1 545	5 076	3	901	
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	78 026	51 284	5 859	1 155	2 307	2 397	20 099	784	9 018	20 384	32 109	13	660	
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2 188 213	1 722 391	370 344	96 801	88 594	184 949	74 159	21 319	124 093	490 055	1 272 402	235	779	
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	135 517	105 110	27 806	6 137	9 795	11 874	2 216	385	5 454	25 236	80 681	19	354	
HEALTH TECHNOLOGISTS AND TECHNICIANS	71 865	58 988	11 523	2 311	3 357	5 855	1 149	205	2 761	16 749	40 040	9	435	
LICENSED PRACTICAL NURSES	34 769	28 699	5 022	932	924	3 166	965	83	1 069	8 352	19 193	4	414	
ENGINEERING AND SCIENCE TECHNICIANS	27 983	22 647	4 889	1 381	2 096	1 412	424	23	1 396	3 434	18 041	4	227	
ELECTRICAL AND ELECTRONIC TECHNICIANS	6 186	5 626	539	311	138	90	21	-	79	385	4 310	1	245	
DRAFTING AND SURVEYING TECHNICIANS	8 238	6 749	1 196	346	254	596	284	9	336	1 225	5 380	1	048	
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	35 669	23 475	11 394	2 445	4 342	4 607	643	157	1 297	5 053	22 600	5	692	
AIRPLANE PILOTS AND NAVIGATORS	173	156	13	13	-	-	4	-	23	38	65	37		
COMPUTER PROGRAMMERS	12 543	10 297	1 927	505	756	666	304	15	260	1 252	8 698	2	010	
SALES OCCUPATIONS	534 050	466 569	11 364	4 727	2 658	3 979	50 658	5 459	50 175	189 324	212 878	63	720	
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	52 335	35 402	615	311	117	187	15 199	1 119	1 684	8 186	25 752	15	213	
SELF-EMPLOYED	16 318	-	-</td											

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

CALIFORNIA	EMPLOYED PERSONS										PERSONS AT WORK				
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				15 TO 34 HOURS		35 TO 40 HOURS		41+ HOURS
		TOTAL	FEDERAL	STATE											
TOTAL															
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	1 518 646	1 150 712	331 174	85 937	76 141	169 096	21 285	15 475	68 464	275 495	978 843	152 705			
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	70 266	53 284	15 915	4 798	4 517	6 600	597	470	731	4 387	49 565	13 945			
COMPUTER EQUIPMENT OPERATORS	29 070	23 910	5 056	1 878	1 080	2 098	83	21	574	2 774	20 514	4 405			
SECRETARIES, STENOGRAPHERS, AND TYPISTS	469 365	346 901	110 356	21 798	26 584	61 974	7 052	5 056	19 376	78 122	320 940	39 167			
SECRETARIES	379 614	302 955	67 809	12 871	18 089	36 849	4 038	4 812	13 710	61 243	262 690	33 172			
RECEPTIONISTS	63 729	54 569	7 877	1 498	2 755	3 624	427	856	3 703	14 614	38 906	4 760			
FILE CLERKS	26 046	20 746	5 191	1 709	1 218	2 264	71	38	2 778	5 703	14 824	1 892			
FINANCIAL RECORDS PROCESSING OCCUPATIONS	232 771	196 069	21 420	4 875	4 960	11 585	8 988	6 294	12 343	46 146	143 148	25 160			
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	194 055	163 091	15 896	3 329	3 591	8 976	8 855	6 213	11 307	41 004	116 043	20 829			
TELEPHONE OPERATORS	36 659	33 472	3 030	809	553	1 668	119	38	1 154	5 384	25 145	3 111			
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	27 191	8 307	18 715	17 329	519	867	107	62	1 440	3 655	16 238	4 984			
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	37 452	31 958	5 259	3 606	570	1 083	112	123	1 087	4 959	25 254	4 946			
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	12 333	11 948	374	81	231	62	-	-	193	727	9 637	1 560			
BANK TELLERS	55 935	53 828	2 008	1 326	331	351	89	10	1 623	14 162	33 741	4 636			
DATA-ENTRY KEYERS	40 704	32 465	7 986	2 362	2 915	2 709	231	22	793	4 860	28 471	5 271			
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	417 125	283 255	127 987	23 868	29 908	74 211	3 398	2 485	22 669	90 002	252 460	38 868			
SERVICE OCCUPATIONS	736 051	556 336	135 496	12 197	28 608	94 691	40 940	3 279	83 181	282 987	276 587	62 351			
PRIVATE HOUSEHOLD OCCUPATIONS	61 770	61 710	-	-	-	-	60	-	13 626	18 426	20 719	6 346			
PROTECTIVE SERVICE OCCUPATIONS	17 835	7 358	10 398	870	1 471	8 057	72	7	1 146	3 733	9 366	2 729			
FIREFIGHTING OCCUPATIONS	260	11	249	67	54	128	-	-	15	20	133	76			
POLICE AND DETECTIVES, PUBLIC SERVICE	3 162	-	3 162	153	261	2 748	-	-	30	183	2 198	681			
GUARDS	11 062	6 981	4 009	490	477	3 042	65	7	1 043	3 341	4 694	1 369			
OTHER PROTECTIVE SERVICE OCCUPATIONS	3 351	366	2 978	160	679	2 139	7	-	58	189	2 341	603			
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	656 446	487 268	125 098	11 327	27 137	86 634	40 808	3 272	68 409	260 828	246 502	53 276			
FOOD PREPARATION AND SERVICE OCCUPATIONS	265 051	228 959	29 729	3 090	5 886	20 753	4 521	1 842	30 026	127 027	80 780	16 732			
WAITERS AND FOOD COUNTER WORKERS	143 412	139 663	1 789	624	391	774	1 205	755	15 873	77 371	38 277	6 713			
COOKS	51 165	58 828	9 605	889	1 709	7 007	2 063	669	4 195	18 847	20 509	5 455			
HEALTH SERVICE OCCUPATIONS	138 729	113 312	23 533	3 275	8 654	11 624	1 296	588	7 344	34 516	76 903	13 687			
NURSING AIDES, ORDERLIES, AND ATTENDANTS	92 850	71 214	20 082	2 572	7 743	9 767	1 296	258	4 989	22 039	51 241	9 490			
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	76 672	59 546	12 675	1 754	3 335	7 586	4 071	380	9 760	19 834	38 480	4 806			
PERSONAL SERVICE OCCUPATIONS	175 994	85 451	59 161	3 208	9 282	46 671	30 920	462	21 279	79 451	50 339	18 051			
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	52 344	36 070	334	87	74	173	15 754	186	2 707	20 533	21 374	6 128			
FARMING, FORESTRY, AND FISHING OCCUPATIONS	50 038	37 875	3 346	776	883	1 687	7 243	1 574	4 231	12 400	19 945	10 310			
FARM OPERATORS AND MANAGERS	6 352	1 551	47	13	10	24	4 743	11	547	1 329	1 952	2 278			
FARM OCCUPATIONS, EXCEPT MANAGERIAL	27 028	24 768	791	160	214	417	172	1 297	1 807	6 531	10 973	5 567			
RELATED AGRICULTURAL OCCUPATIONS	15 692	11 266	2 005	256	587	1 162	2 196	225	1 783	4 390	6 522	2 317			
FORESTRY AND FISHING OCCUPATIONS	966	290	503	347	72	84	132	41	94	150	498	148			
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	131 640	115 792	5 704	2 501	1 117	2 086	9 201	943	3 889	16 391	83 262	22 654			
MECHANICS AND REPAIRERS	16 544	14 006	1 574	908	226	440	852	112	306	2 038	5 139	1 487			
AUTOMOBILE MECHANICS, INCLUDING BODY	1 744	1 268	124	55	38	31	322	30	46	257	948	385			
AIRCRAFT MECHANICS	861	546	303	261	17	25	12	-	34	607	175				
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	13 123	84	23	19	-	4	10	6	6	14	79	19			
OTHER MECHANICS AND REPAIRERS	13 816	12 108	1 124	573	171	380	508	76	254	1 201	8 909	2 921			
CONSTRUCTION TRADES	9 756	6 767	741	293	181	267	2 048	200	703	2 038	5 139	1 487			
CARPENTERS	2 107	1 414	160	59	60	41	483	50	161	471	1 163	257			
ELECTRICIANS	1 191	923	201	144	16	41	60	7	15	120	772	261			
PAINTERS, CONSTRUCTION AND MAINTENANCE	2 180	1 417	99	43	12	44	624	40	254	684	911	223			
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	590	460	46	16	19	11	79	5	13	72	372	105			
OTHER CONSTRUCTION TRADES	3 688	2 553	235	31	74	130	802	98	260	691	1 921	641			
EXTRACTIVE OCCUPATIONS	276	253	6	6	-	17	-	14	18	160	68				
PRECISION PRODUCTION OCCUPATIONS	105 064	94 766	3 383	1 294	710	1 379	6 284	631	2 866	12 829	67 420	17 599			
SUPERVISORS, PRODUCTION OCCUPATIONS	33 006	30 679	1 228	440	282	506	948	151	464	2 521	21 206	7 786			
MANUFACTURING	22 355	21 600	211	87	33	91	506	38	260	1 313	14 417	5 646			
PRECISION METALWORKING OCCUPATIONS	6 713	5 947	246	191	18	37	455	65	131	912	4 341	1 081			
TOOL AND DIE MAKERS	270	259	-	-	-	-	6	5	-	18	217	29			
MACHINISTS	2 475	2 349	65	38	3	24	23	38	27	214	1 666	503			
SHEET METAL WORKERS	377	271	98	98	-	13	418	22	96	642	2 193	495			
OTHER PRECISION METAL WORKERS	3 591	3 068	83	55	15	13	418	22	96	642	2 193	495			

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

CALIFORNIA

	PRIV. WAGE AND SALARY WORKERS	EMPLOYED PERSONS						PERSONS AT WORK				
		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				41+ HOURS	
		TOTAL	FEDERAL	STATE			15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS			
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS . . .	397 281	368 924	20 009	4 598	3 690	11 721	6 946	1 402	14 899	63 178	251 479	46 819
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS . . .	286 472	273 180	7 759	2 554	1 877	3 328	4 933	600	8 338	34 829	193 388	34 674
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION . . .	164 360	155 227	4 826	1 414	1 344	2 068	3 774	533	5 639	23 421	108 995	17 417
METALWORKING AND PLASTIC WORKING												
MACHINE OPERATORS	7 055	6 788	183	88	49	46	72	12	163	654	4 425	1 535
PRINTING MACHINE OPERATORS	10 920	9 387	852	127	365	360	579	102	470	2 151	6 332	1 550
TEXTILE, APPAREL, AND FURNISHINGS												
MACHINE OPERATORS	71 655	68 310	1 391	303	331	757	1 757	197	2 561	11 086	48 866	5 452
TEXTILE MACHINE OPERATORS	2 491	2 258	33	11	-	22	200	-	88	545	1 419	320
TEXTILE SEWING MACHINE OPERATORS	53 544	51 683	656	141	149	366	1 118	87	1 677	7 611	37 681	3 774
LAUNDERING AND DRYCLEANING												
MACHINE OPERATORS	8 919	7 872	596	102	163	331	354	97	525	1 632	5 496	865
OTHER SPECIFIED MACHINE OPERATORS	29 315	27 522	1 029	338	210	481	613	151	1 193	4 699	18 182	3 410
MISCELLANEOUS AND NOT SPECIFIED												
MACHINE OPERATORS	45 415	43 220	1 371	558	389	424	753	71	1 252	4 831	31 190	5 470
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	17 838	16 732	514	225	129	160	558	34	606	2 139	11 972	2 277
MACHINE OPERATORS, NOT SPECIFIED	27 577	26 488	857	333	260	264	195	37	646	2 692	19 218	3 193
INDUSTRY:												
MANUFACTURING	39 022	38 090	701	318	170	213	201	30	998	3 606	27 399	4 698
NONDURABLE GOODS	15 756	15 525	154	59	34	61	592	1 696	10 918	1 465		
FOOD AND KINDRED PRODUCTS	3 618	3 572	46	8	7	31	-		187	493	2 255	389
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	2 806	2 765	16	7	-	9	25	-	106	287	2 091	119
PAPER AND ALLIED PRODUCTS	1 859	1 838	21	17	-	4	-		59	124	1 236	275
OTHER NONDURABLE GOODS	7 473	7 350	71	27	27	17	48	4	240	792	5 336	682
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	23 266	22 565	547	259	136	152	128	26	406	1 910	16 481	3 233
METAL INDUSTRIES	3 527	3 451	76	51	-	25	-		60	280	2 376	596
MACHINERY, INCLUDING ELECTRICAL	9 284	8 984	247	77	76	94	36	17	103	719	6 529	1 470
TRANSPORTATION EQUIPMENT	2 058	1 941	117	92	25	-	-		32	110	1 424	400
OTHER DURABLE GOODS	8 397	8 189	107	39	35	33	92	9	211	801	6 152	767
NONMANUFACTURING INDUSTRIES	6 393	5 130	670	240	219	211	552	41	254	1 225	3 791	772
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	593	476	117	79	12	26	-	-	11	67	401	93
WHOLESALE AND RETAIL TRADE	2 951	2 409	40	7	17	16	473	29	135	695	1 604	330
ALL OTHER INDUSTRIES	2 849	2 245	513	154	190	169	79	12	108	463	1 786	349
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	81 951	78 747	2 067	803	387	877	1 076	61	1 735	7 678	58 147	10 430
WELDERS AND CUTTERS	2 772	2 621	115	63	27	25	36	43	43	211	1 852	434
ASSEMBLERS	73 349	70 818	1 859	677	355	827	626	46	1 504	6 540	52 585	9 243
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	5 830	5 308	93	63	5	25	414	15	188	927	3 710	753
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	40 161	39 206	866	337	146	383	83	6	964	3 730	26 246	6 827
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	30 431	20 617	8 583	373	1 092	7 118	1 061	170	1 472	8 085	13 711	5 477
MOTOR VEHICLE OPERATORS	25 897	16 409	8 318	298	1 023	6 997	1 011	159	1 375	7 756	10 772	4 665
TRUCK DRIVERS AND DRIVER-SALES WORKERS	9 995	8 492	590	158	104	328	780	133	641	2 321	4 390	2 117
BUS DRIVERS	12 824	5 451	7 359	122	844	6 393	14	-	468	4 590	5 219	1 861
RAIL AND WATER TRANSPORTATION OCCUPATIONS	374	333	24	-	6	18	11	6	17	71	163	94
MATERIAL MOVING EQUIPMENT OPERATORS	4 160	3 875	241	75	63	103	39	5	80	258	2 776	718
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	167	117	30	10	-	20	15	5	12	9	103	24
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	80 378	75 127	3 667	1 671	721	1 275	952	632	5 089	20 264	44 380	6 668
CONSTRUCTION LABORERS	1 961	1 629	267	42	76	149	-	65	164	418	1 046	252
FREIGHT, STOCK, AND MATERIAL HANDLERS	20 897	19 631	879	567	130	182	229	158	1 886	9 683	7 451	1 098
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	2 174	1 950	62	49	6	7	98	64	138	742	846	379
HAND PACKERS AND PACKAGERS	33 574	32 633	729	330	122	277	112	100	1 435	5 774	21 693	2 667
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	3 092	2 654	246	44	113	89	132	60	299	684	1 695	270
LABORERS, EXCEPT CONSTRUCTION	18 680	16 630	1 484	639	274	571	381	185	1 167	2 963	11 649	2 002
MANUFACTURING	8 220	7 969	178	23	28	127	62	11	320	901	5 693	820
NONDURABLE GOODS	4 103	4 009	85	-	5	80	5	4	222	525	2 781	322
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	4 117	3 960	93	23	23	47	57	7	98	376	2 912	498
METAL INDUSTRIES	606	606	-	-	-	-	-	-	7	29	445	84
NONMANUFACTURING INDUSTRIES	10 460	8 661	1 306	616	246	444	319	174	847	2 062	5 956	1 182
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	922	748	149	55	13	81	6	19	10	84	671	131
WHOLESALE AND RETAIL TRADE	5 762	5 454	122	46	-	76	122	64	371	1 017	3 377	765
ALL OTHER INDUSTRIES	3 776	2 459	1 035	515	233	287	191	91	466	961	1 908	286

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

CALIFORNIA	EMPLOYED PERSONS										PERSONS AT WORK				
	PRIV. WAGE AND SALARY TOTAL WORKERS		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS		UNPAID FAMILY WORKERS			1 TO 14 HOURS	15 TO 34 HOURS	35 TO 60 HOURS	41+ HOURS	
	TOTAL	FEDERAL	STATE	LOCAL											
WHITE															
MALES 16 YEARS AND OVER	4 862 867	3 663	342	661 925	175 041	145 738	341 146	526 389	11 211	158 809	537 024	2 497	721	1 550	270
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	1 420 553	944 190	288 869	54 186	77 988	156 695	185 318	2 176	33 682	97 068	705 908	560	815		
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	741 077	563 069	91 782	26 639	21 772	43 371	84 584	1 642	10 117	34 223	356 747	329	594		
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	17 141	26	17 115	5 058	3 980	8 077	-	-	196	571	11 268	4	856		
MANAGEMENT RELATED OCCUPATIONS	158 130	106 747	30 564	12 641	6 904	11 019	20 631	188	2 722	9 035	88 029	56	128		
PROFESSIONAL SPECIALTY OCCUPATIONS	679 476	381 121	197 087	27 547	56 216	113 324	100 734	534	23 565	62 845	349 161	231	221		
ENGINEERS AND NATURAL SCIENTISTS	238 706	187 243	38 599	17 923	11 407	9 269	12 819	45	2 176	9 751	157 442	65	678		
ENGINEERS	171 185	143 462	22 377	10 771	5 574	6 032	5 346	-	1 353	5 760	115 882	45	568		
HEALTH DIAGNOSING OCCUPATIONS	63 046	30 081	8 096	2 168	3 001	2 927	24 862	7	1 114	6 562	18 640	35	652		
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	20 879	14 741	3 975	870	1 132	1 973	2 140	23	665	2 077	10 024	7	765		
TEACHERS, LIBRARIANS, AND COUNSELORS	148 536	29 537	115 216	1 964	32 816	80 436	3 743	40	9 133	19 147	72 978	43	750		
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	83 389	9 941	73 430	334	8 586	64 510	18	-	2 689	7 953	46 110	25	007		
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1 052 653	822 459	117 732	64 092	24 723	28 917	110 429	2 033	35 416	122 627	538 255	335	635		
HEALTH TECHNOLOGISTS AND TECHNICIANS	16 111	11 822	3 955	1 096	1 377	1 482	305	29	379	2 065	8 472	4	884		
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	162 679	127 038	30 058	13 787	9 549	6 722	5 466	117	4 139	14 828	98 229	41	697		
SALES OCCUPATIONS	542 511	437 605	4 641	1 442	1 231	1 968	98 828	1 437	19 508	70 927	236 947	205	322		
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	108 093	74 433	533	340	61	132	32 755	372	1 578	5 058	37 630	61	886		
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	249 862	198 377	2 327	571	552	1 204	48 784	374	6 159	21 470	125 235	93	439		
OTHER SALES OCCUPATIONS	184 556	164 795	1 781	531	618	1 632	17 289	691	11 771	44 399	74 082	49	997		
CASHIERS	34 125	32 310	971	214	407	350	716	128	2 471	12 278	13 654	4	754		
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	331 352	245 994	79 078	47 767	12 566	18 745	5 830	450	11 390	34 809	194 607	83	732		
COMPUTER EQUIPMENT OPERATORS	14 243	11 878	2 190	779	755	656	175	-	329	1 049	9 042	3	599		
SECRETARIES, STENOGRAPHERS, AND TYPISTS	8 454	5 742	2 162	699	559	904	524	26	569	1 221	4 866	1	651		
FINANCIAL RECORDS PROCESSING OCCUPATIONS	23 839	19 000	3 051	1 090	953	1 008	1 635	153	1 136	3 250	13 490	5	520		
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	39 232	9 614	29 423	28 518	396	509	185	10	1 204	3 109	21 578	12	458		
SERVICE OCCUPATIONS	428 548	276 950	128 400	12 553	23 755	92 092	22 060	1 138	32 118	94 740	193 675	96	188		
PRIVATE HOUSEHOLD OCCUPATIONS	2 801	2 765	-	-	-	-	36	-	668	826	771	450			
PROTECTIVE SERVICE OCCUPATIONS	116 916	33 016	82 730	7 197	11 967	63 566	1 158	12	2 340	9 018	55 037	47	528		
POLICE AND FIREFIGHTERS	52 114	367	51 725	3 876	6 116	41 733	22	-	136	893	21 665	28	260		
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	308 831	241 169	45 670	5 356	11 788	28 526	20 866	1 126	29 110	84 896	137 867	48	210		
FOOD SERVICE OCCUPATIONS	140 301	132 299	3 844	901	1 395	1 548	3 624	534	14 427	52 561	49 730	19	832		
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	117 058	76 015	32 861	3 224	6 709	22 928	7 719	463	10 866	19 943	65 576	17	176		
FARMING, FORESTRY, AND FISHING OCCUPATIONS	159 609	95 544	15 202	2 348	2 860	9 994	46 913	1 950	10 796	21 900	58 102	64	282		
FARM OPERATORS AND MANAGERS	40 192	10 086	197	73	43	81	29 909	-	1 354	4 065	9 358	24	835		
FARM WORKERS AND RELATED OCCUPATIONS	110 283	80 273	13 454	1 227	2 519	9 708	14 698	1 858	9 104	16 422	44 495	36	799		
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	975 226	783 581	65 519	27 767	9 239	28 513	123 900	2 226	18 719	92 582	558 963	275	473		
MECHANICS AND REPAIRERS	303 098	247 412	26 390	13 174	3 036	10 180	28 758	538	4 948	18 567	176 735	95	151		
CONSTRUCTION TRADES	375 060	274 486	22 365	6 858	4 041	11 466	76 982	1 227	10 079	58 761	216 315	76	391		
PRECISION PRODUCTION OCCUPATIONS	288 580	253 440	16 633	7 675	2 150	6 808	17 759	448	3 565	14 873	161 792	100	538		
OPERATORS, FABRICATORS, AND LABORERS	826 278	740 618	46 203	14 095	7 173	24 935	37 769	1 688	28 078	108 107	442 818	217	877		
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	201 883	185 320	7 778	3 004	1 763	3 011	8 451	334	4 011	16 244	123 746	50	710		
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	117 175	106 963	5 184	2 859	604	1 721	4 879	149	2 501	10 014	73 906	27	082		
TRANSPORTATION OCCUPATIONS	213 309	183 367	13 920	2 379	1 607	9 934	15 643	379	6 087	22 094	92 273	84	711		
MOTOR VEHICLE OPERATORS	200 621	171 623	13 178	1 970	1 537	9 671	15 457	363	5 865	21 251	86 946	79	390		
MATERIAL MOVING EQUIPMENT OPERATORS	61 007	51 929	5 715	1 338	1 360	3 017	3 309	54	1 495	5 681	35 386	16	188		
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	232 904	213 039	13 606	4 515	1 839	7 252	5 487	772	13 984	54 074	117 507	39	186		
CONSTRUCTION LABORERS	47 187	43 046	3 922	383	744	2 795	-	219	2 220	8 901	26 551	7	323		
FREIGHT, STOCK, AND MATERIAL HANDLERS	69 540	66 081	2 429	1 145	216	1 068	905	125	5 049	23 392	28 762	10	241		

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B.]

CALIFORNIA	EMPLOYED PERSONS											PERSONS AT WORK				
	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS			
		TOTAL	FEDERAL	STATE			15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS							
WHITE																
FEmaLES 16 YEARS AND OVER	3 584 743	2 709 549	659 115	98 702	150 982	409 431	185 778	30 301	241 439	875 354	1 883 560	468 519				
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	885 488	529 502	284 366	24 315	61 140	198 911	65 813	5 807	54 898	164 055	472 658	168 859				
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	371 511	288 964	51 719	13 508	15 837	22 374	26 466	4 362	9 764	43 268	222 644	87 709				
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	6 451	42	6 409	1 973	1 413	3 023	-	-	181	640	4 388	1 106				
MANAGEMENT RELATED OCCUPATIONS	122 107	94 624	21 086	7 693	6 836	6 557	5 806	591	2 455	11 856	81 655	23 462				
PROFESSIONAL SPECIALTY OCCUPATIONS	513 977	240 538	232 647	10 807	45 303	176 537	39 347	1 445	45 134	120 787	250 014	81 150				
ENGINEERS AND NATURAL SCIENTISTS	26 711	20 712	4 893	1 895	1 909	1 089	1 055	51	592	2 781	17 497	5 140				
ENGINEERS	9 652	8 729	793	350	214	229	116	14	99	576	6 601	2 113				
HEALTH DIAGNOSING OCCUPATIONS	7 834	4 061	1 699	298	612	789	2 008	66	368	1 740	2 828	2 717				
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	118 330	89 176	26 090	3 395	6 719	15 976	2 774	290	5 183	32 053	58 854	17 663				
TEACHERS, LIBRARIANS, AND COUNSELORS	242 707	58 628	174 682	2 353	30 831	141 498	9 225	172	27 875	56 570	117 255	33 207				
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	178 263	38 893	138 866	1 305	16 110	121 451	494	10	13 672	38 188	94 975	25 751				
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1 772 458	1 424 563	262 027	62 921	65 703	133 403	66 877	18 991	103 392	417 703	1 002 939	197 317				
HEALTH TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	52 386	44 399	6 919	1 284	2 177	3 458	900	168	2 204	13 774	27 272	6 995				
SALES OCCUPATIONS	50 165	36 149	12 874	2 938	5 124	4 812	966	176	2 067	7 076	31 118	8 378				
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	457 041	399 873	7 741	2 903	2 006	2 832	45 095	4 332	43 229	163 715	179 510	55 690				
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	45 719	31 323	477	261	105	111	13 023	896	1 481	7 278	22 451	13 276				
OTHER SALES OCCUPATIONS	113 195	94 804	675	195	143	337	16 826	892	6 441	23 217	56 122	24 070				
CASHIERS	298 127	273 746	6 589	2 447	1 758	2 384	15 248	2 544	35 307	133 220	100 957	18 344				
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	1 212 866	944 142	234 493	55 796	56 396	122 301	19 916	14 315	55 892	233 138	765 039	126 254				
COMPUTER EQUIPMENT OPERATORS	21 453	18 074	3 291	1 161	753	1 377	71	17	390	2 180	14 737	3 615				
SECRETARIES, STENOGRAPHERS, AND TYPISTS	392 315	298 764	82 191	15 213	20 522	46 456	6 614	4 746	16 290	68 802	264 216	33 746				
FINANCIAL RECORDS PROCESSING OCCUPATIONS	198 181	167 652	16 058	3 368	3 782	8 908	8 615	5 856	11 372	41 869	118 323	21 806				
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	17 188	6 272	10 763	9 873	416	474	91	62	1 223	2 841	9 271	3 337				
SERVICE OCCUPATIONS	551 008	422 396	93 254	6 562	20 139	66 553	33 118	2 240	66 856	227 494	188 096	46 830				
PRIVATE HOUSEHOLD OCCUPATIONS	38 546	38 494	-	-	-	-	52	-	10 000	11 686	11 284	4 173				
PROTECTIVE SERVICE OCCUPATIONS	13 618	5 561	7 992	623	1 065	6 304	65	-	964	3 000	6 755	2 283				
POLICE AND FIREFIGHTERS	2 717	6	2 711	189	217	2 305	-	-	36	169	1 788	666				
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	498 844	378 341	85 262	5 939	19 074	60 249	33 001	2 240	55 892	212 808	170 057	40 374				
FOOD SERVICE OCCUPATIONS	217 519	191 890	21 530	1 545	4 388	15 597	3 069	1 030	25 555	109 520	61 825	12 508				
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	45 626	35 541	6 626	805	1 881	3 940	3 184	275	7 365	13 506	19 684	2 903				
FARMING, FORESTRY, AND FISHING OCCUPATIONS	30 802	20 816	2 406	577	602	1 227	6 286	1 294	2 950	8 144	11 648	6 472				
FARM OPERATORS AND MANAGERS	5 296	1 200	22	6	10	6	4 063	11	498	1 143	1 567	1 933				
FARM WORKERS AND RELATED OCCUPATIONS	24 709	19 354	2 014	303	564	1 147	2 099	1 242	2 363	6 875	9 677	4 409				
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	93 863	81 227	3 903	1 687	873	1 343	7 905	828	3 031	12 863	57 324	16 841				
MECHANICS AND REPAIRERS	12 906	10 883	1 157	657	188	292	774	112	256	1 258	8 071	2 797				
CONSTRUCTION TRADES	7 963	5 473	477	210	124	143	1 830	183	598	1 770	4 088	1 173				
PRECISION PRODUCTION OCCUPATIONS	72 796	64 688	2 283	814	561	908	5 292	533	2 177	9 820	45 037	12 832				
OPERATORS, FABRICATORS, AND LABORERS	251 124	231 045	13 159	2 640	2 525	7 994	5 779	1 141	10 312	45 095	150 895	32 200				
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	95 819	89 497	2 777	788	850	1 139	3 096	449	3 673	15 159	60 993	11 088				
TRANSPORTATION OCCUPATIONS	76 585	74 096	1 437	609	287	541	991	61	1 799	7 726	51 398	11 840				
MOTOR VEHICLE OPERATORS	20 728	13 186	6 482	178	832	5 472	922	138	1 131	6 361	8 440	4 015				
MATERIAL MOVING EQUIPMENT OPERATORS	2 998	2 773	199	61	49	89	21	5	1 114	6 295	8 307	3 928				
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	54 662	51 202	2 240	1 004	501	735	738	482	3 636	15 669	28 129	4 704				
CONSTRUCTION LABORERS	1 407	1 164	185	30	63	92	-	58	145	334	637	222				
FREIGHT, STOCK, AND MATERIAL HANDLERS	16 324	15 633	440	274	74	92	141	110	1 473	8 088	5 350	844				

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B1

CALIFORNIA	EMPLOYED PERSONS										PERSONS AT WORK			
	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS	
		TOTAL	FEDERAL	STATE			LOCAL	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS				
BLACK														
MALES 16 YEARS AND OVER	345 618	237 251	92 037	33 002	13 369	45 666	15 858	472	11 839	35 499	219 308	65 862		
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	57 451	31 932	20 833	4 298	4 556	11 979	4 553	133	1 790	4 684	35 029	14 614		
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	28 941	18 188	8 610	2 784	1 796	4 030	2 050	93	437	1 391	18 181	8 282		
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	1 263	-	1 263	406	327	530	-	-	18	50	875	287		
MANAGEMENT RELATED OCCUPATIONS	8 228	4 612	3 210	1 359	825	1 026	381	25	55	423	5 827	1 780		
PROFESSIONAL SPECIALTY OCCUPATIONS	28 510	13 744	12 223	1 514	2 760	7 949	2 503	40	1 353	3 293	16 848	6 332		
ENGINEERS AND NATURAL SCIENTISTS	6 370	4 917	1 216	667	224	325	237	-	108	260	4 690	1 199		
ENGINEERS	4 350	3 559	709	422	77	210	82	-	37	202	3 231	785		
HEALTH DIAGNOSING OCCUPATIONS	2 039	909	419	42	87	290	711	-	35	84	678	1 215		
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	1 811	968	784	178	158	448	59	-	30	161	1 210	1 341		
TEACHERS, LIBRARIANS, AND COUNSELORS	7 694	1 521	6 062	174	1 648	4 240	111	-	537	1 535	4 316	1 134		
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	4 257	560	3 689	41	527	3 121	8	-	187	852	2 596	524		
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	78 086	53 478	21 690	13 894	2 229	5 567	2 834	84	2 256	8 307	50 348	15 099		
HEALTH TECHNOLOGISTS AND TECHNICIANS	2 283	1 344	906	402	98	406	33	-	78	158	1 481	474		
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	8 366	6 149	2 099	1 074	411	614	118	-	118	587	6 040	1 486		
SALES OCCUPATIONS	22 882	19 722	659	234	155	270	2 430	71	898	3 589	12 208	5 485		
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	3 711	2 756	57	30	6	21	861	37	48	184	1 627	1 722		
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	7 927	6 724	219	82	56	81	984	-	189	715	4 769	2 004		
OTHER SALES OCCUPATIONS	11 244	10 242	383	122	93	168	585	34	661	2 690	5 812	1 759		
CASHIERS	3 527	3 219	247	53	80	114	56	5	261	990	1 720	409		
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	44 555	26 263	18 026	12 184	1 565	4 277	253	13	1 162	3 973	30 619	7 654		
COMPUTER EQUIPMENT OPERATORS	2 134	1 688	423	238	45	140	23	-	28	132	1 605	295		
SECRETARIES, STENOGRAPHERS, AND TYPISTS	1 070	540	510	205	61	244	20	-	52	65	802	102		
FINANCIAL RECORDS PROCESSING OCCUPATIONS	2 255	1 703	492	151	119	222	60	-	57	174	1 640	343		
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	8 369	1 230	7 084	6 981	33	70	55	-	109	469	5 452	2 120		
SERVICE OCCUPATIONS	59 439	35 315	22 222	4 192	4 084	13 946	1 824	78	3 209	8 794	35 769	9 320		
PRIVATE HOUSEHOLD OCCUPATIONS	574	574	-	-	-	-	-	-	77	207	202	82		
PROTECTIVE SERVICE OCCUPATIONS	13 328	6 703	6 581	844	991	4 746	44	-	255	1 118	8 084	3 319		
POLICE AND FIREFIGHTERS	3 166	59	3 107	288	278	2 541	-	-	36	90	1 696	1 213		
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	45 537	28 038	15 641	3 348	3 093	9 200	1 780	78	2 877	7 469	27 483	5 919		
FOOD SERVICE OCCUPATIONS	11 694	9 805	1 753	753	376	624	125	11	1 132	3 462	5 290	1 372		
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	26 084	13 762	11 350	1 904	2 261	7 185	962	10	1 278	2 693	17 678	3 359		
FARMING, FORESTRY, AND FISHING OCCUPATIONS	6 330	3 075	2 218	246	395	1 577	1 007	30	490	849	3 493	1 069		
FARM OPERATORS AND MANAGERS	263	106	10	-	10	-	147	-	18	17	150	70		
FARM WORKERS AND RELATED OCCUPATIONS	5 770	2 769	2 144	204	385	1 555	827	30	461	807	3 138	969		
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	54 854	41 201	9 689	5 000	848	3 841	3 858	106	1 183	4 223	36 980	9 925		
MECHANICS AND REPAIRERS	18 360	13 602	3 626	2 135	259	1 232	1 103	29	308	851	12 793	3 711		
CONSTRUCTION TRADES	17 098	11 087	3 618	1 445	411	1 762	2 329	64	601	2 414	10 992	2 193		
PRECISION PRODUCTION OCCUPATIONS	19 051	16 173	2 439	1 420	178	841	426	13	265	935	12 995	3 943		
OPERATORS, FABRICATORS, AND LABORERS	89 458	72 250	15 385	5 372	1 257	8 756	1 782	41	2 911	8 642	57 689	15 835		
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	19 873	17 604	1 970	1 022	300	648	292	7	349	1 274	14 067	3 289		
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	11 543	10 501	920	645	47	228	116	6	159	702	8 443	1 772		
TRANSPORTATION OCCUPATIONS	25 755	18 630	6 029	1 080	450	4 499	1 088	8	804	2 168	14 964	6 483		
MOTOR VEHICLE OPERATORS	24 702	17 855	5 751	956	422	4 373	1 088	8	804	2 116	14 408	6 114		
MATERIAL MOVING EQUIPMENT OPERATORS	5 554	4 587	924	455	103	366	43	-	163	276	3 867	974		
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	26 733	20 928	5 542	2 170	357	3 015	243	20	1 436	4 222	16 348	3 317		
CONSTRUCTION LABORERS	4 573	3 591	5 982	90	119	773	-	-	186	745	2 872	468		
FREIGHT, STOCK, AND MATERIAL HANDLERS	8 178	6 514	1 590	764	59	767	74	-	611	2 002	4 130	1 009		

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

(DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B)

CALIFORNIA	EMPLOYED PERSONS										PERSONS AT WORK			
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS	
		TOTAL	FEDERAL	STATE			LOCAL	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS				
BLACK														
FEMALES 16 YEARS AND OVER	333 426	214 920	111 703	28 959	19 347	63 397	6 245	558	16 387	57 683	212 084	31 724		
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	64 277	30 351	31 929	4 462	5 584	21 883	1 895	102	2 624	9 209	42 289	7 672		
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	24 911	15 297	8 498	2 684	1 867	3 947	1 034	82	526	1 802	17 953	3 755		
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	989	-	989	310	214	465	-	-	11	66	755	105		
MANAGEMENT RELATED OCCUPATIONS	10 418	6 244	3 930	1 632	989	1 309	232	12	164	705	8 173	1 060		
PROFESSIONAL SPECIALTY OCCUPATIONS	39 366	15 054	23 431	1 778	3 717	17 936	861	20	2 098	7 407	24 336	3 917		
ENGINEERS AND NATURAL SCIENTISTS	1 686	1 232	448	191	122	135	6	-	37	64	1 334	187		
ENGINEERS	628	552	76	55	9	12	-	-	-	30	512	61		
HEALTH DIAGNOSING OCCUPATIONS	474	163	203	12	45	146	108	-	15	44	224	191		
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	9 829	6 297	3 284	608	616	2 060	242	6	268	1 418	6 431	1 190		
TEACHERS, LIBRARIANS, AND COUNSELORS	19 313	4 009	15 220	531	2 209	12 480	70	14	1 359	4 902	11 206	1 205		
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	15 455	2 815	12 593	367	1 327	10 899	39	8	940	4 089	9 051	895		
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	160 989	105 722	53 517	19 724	8 828	24 965	1 403	347	6 095	23 939	110 099	14 401		
HEALTH TECHNOLOGISTS AND TECHNICIANS	9 020	6 207	2 641	718	482	1 441	1 153	19	167	1 453	5 776	1 217		
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	3 799	2 498	1 273	451	311	511	28	-	173	350	2 728	437		
SALES OCCUPATIONS	24 563	21 864	1 659	872	257	530	899	141	1 803	7 293	12 289	2 014		
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 802	1 435	67	20	-	47	256	44	27	213	1 051	412		
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	4 444	3 954	224	138	44	42	238	28	140	660	2 837	618		
OTHER SALES OCCUPATIONS	18 317	16 475	1 368	714	213	441	405	69	1 636	6 420	8 401	984		
CASHIERS	8 506	7 624	836	448	96	292	35	11	695	2 959	3 880	480		
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	123 607	75 153	47 944	17 683	7 778	22 483	323	187	3 952	14 843	89 306	10 733		
COMPUTER EQUIPMENT OPERATORS	3 369	2 357	1 000	443	152	405	12	-	42	220	2 638	390		
SECRETARIES, STENOGRAPHERS, AND TYPISTS	29 724	16 863	12 684	3 329	2 147	7 208	101	76	1 003	3 173	22 631	1 880		
FINANCIAL RECORDS PROCESSING OCCUPATIONS	10 426	8 119	2 186	799	431	956	78	43	188	985	7 735	1 097		
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	6 363	717	5 641	5 318	69	254	5	-	79	430	4 548	1 040		
SERVICE OCCUPATIONS	71 670	47 085	21 996	3 141	4 350	14 505	2 504	85	6 433	19 827	35 903	5 376		
PRIVATE HOUSEHOLD OCCUPATIONS	7 985	7 985	-	-	-	-	-	-	1 810	2 844	2 218	589		
PROTECTIVE SERVICE OCCUPATIONS	2 633	984	1 649	170	256	1 223	-	-	77	421	1 701	257		
POLICE AND FIREFIGHTERS	398	-	398	11	41	346	-	-	-	14	321	42		
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	61 052	38 116	20 347	2 971	4 094	13 282	2 504	85	4 546	16 562	31 984	4 530		
FOOD SERVICE OCCUPATIONS	13 108	8 807	4 179	789	795	2 595	94	28	1 185	4 431	5 851	817		
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	12 466	8 420	3 743	523	848	2 372	279	24	1 020	2 354	7 680	694		
FARMING, FORESTRY, AND FISHING OCCUPATIONS	996	582	340	71	136	133	67	7	106	167	538	93		
FARM OPERATORS AND MANAGERS	138	71	17	7	-	10	50	-	-	17	92	16		
FARM WORKERS AND RELATED OCCUPATIONS	818	511	283	64	100	119	17	7	106	146	435	59		
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	8 540	7 518	835	455	103	277	187	-	195	637	5 983	1 299		
MECHANICS AND REPAIRERS	1 606	1 358	241	162	24	55	7	-	31	100	1 090	268		
CONSTRUCTION TRADES	596	436	134	53	25	56	26	-	29	65	365	103		
PRECISION PRODUCTION OCCUPATIONS	6 326	5 712	460	240	54	166	154	-	135	472	4 525	919		
OPERATORS, FABRICATORS, AND LABORERS	26 954	23 662	3 086	1 106	346	1 634	189	17	934	3 904	17 272	2 883		
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	9 357	8 524	719	265	160	294	103	11	300	1 141	6 164	979		
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	8 960	8 402	552	330	27	195	6	-	141	861	6 241	995		
TRANSPORTATION OCCUPATIONS	3 094	1 970	1 090	54	109	927	28	6	105	917	1 458	490		
MOTOR VEHICLE OPERATORS	3 066	1 942	1 090	54	109	927	28	6	105	917	1 437	483		
MATERIAL MOVING EQUIPMENT OPERATORS	290	277	7	7	-	-	6	-	5	13	197	52		
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	5 253	4 489	718	450	50	218	46	-	383	972	3 212	367		
CONSTRUCTION LABORERS	153	128	25	-	2	23	-	-	8	24	114	7		
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 504	1 178	321	247	20	54	5	-	128	470	755	73		

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

CALIFORNIA

	EMPLOYED PERSONS								PERSONS AT WORK			
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS		15 TO 34 HOURS		35 TO 40 HOURS	
		TOTAL	FEDERAL	STATE			LOCAL					
AMERICAN INDIAN, ESKIMO, ALEUT												
MALES 16 YEARS AND OVER	50 302	38 283	8 191	2 572	1 675	3 944	3 658	170	1 528	5 920	27 181	13 980
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	8 426	5 083	2 375	545	688	1 142	928	40	230	602	4 470	2 946
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	4 437	2 967	948	299	320	329	488	34	87	212	2 312	1 746
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	137	-	137	64	14	59	-	-	-	7	85	45
MANAGEMENT RELATED OCCUPATIONS	1 080	639	395	117	150	128	46	-	6	46	735	252
PROFESSIONAL SPECIALTY OCCUPATIONS	3 989	2 116	1 427	246	368	813	440	6	143	390	2 158	1 200
ENGINEERS AND NATURAL SCIENTISTS	1 172	917	220	112	55	53	35	-	-	50	784	321
ENGINEERS	823	701	101	65	13	23	21	-	-	32	568	223
HEALTH DIAGNOSING OCCUPATIONS	144	62	-	-	-	-	82	-	6	13	72	53
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	110	45	53	6	19	28	12	-	-	14	43	53
TEACHERS, LIBRARIANS, AND COUNSELORS	1 137	271	853	68	199	586	13	-	39	137	633	291
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	650	112	538	10	78	450	-	-	-	39	379	208
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	8 386	6 471	1 293	738	252	303	615	7	271	845	4 279	2 821
HEALTH TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	249	183	58	11	13	34	8	-	17	3	181	48
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	1 339	1 012	254	118	80	56	66	7	43	88	762	402
SALES OCCUPATIONS	3 355	2 831	45	34	-	11	479	-	98	405	1 329	1 465
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	753	550	7	7	-	-	196	-	23	17	191	522
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	1 161	975	4	-	-	4	182	-	29	103	548	454
OTHER SALES OCCUPATIONS	1 441	1 306	34	27	-	7	101	-	46	285	590	489
CASHIERS	306	290	7	-	-	7	9	-	5	112	120	50
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	3 443	2 445	936	575	159	202	62	-	113	349	2 007	906
COMPUTER EQUIPMENT OPERATORS	208	179	21	8	7	6	8	-	4	14	152	38
SECRETARIES, STENOGRAPHERS, AND TYPISTS	124	79	39	12	11	16	6	-	5	25	63	31
FINANCIAL RECORDS PROCESSING OCCUPATIONS	210	182	28	7	11	10	-	-	7	20	130	53
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	467	118	349	330	8	11	-	-	6	22	279	142
SERVICE OCCUPATIONS	5 802	3 571	1 958	279	417	1 262	260	13	276	1 225	2 733	1 319
PRIVATE HOUSEHOLD OCCUPATIONS	64	64	-	-	-	-	-	-	5	33	23	5
PROTECTIVE SERVICE OCCUPATIONS	1 498	466	1 013	100	217	696	19	-	7	119	667	634
POLICE AND FIREFIGHTERS	568	20	548	15	132	401	-	-	-	-	245	297
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	4 240	3 041	945	179	200	566	241	13	264	1 073	2 043	682
FOOD SERVICE OCCUPATIONS	1 564	1 483	66	27	5	34	11	4	142	597	576	179
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	1 892	1 044	744	128	140	476	104	-	101	322	1 112	262
FARMING, FORESTRY, AND FISHING OCCUPATIONS	2 268	1 468	364	114	36	214	372	64	112	325	938	762
FARM OPERATORS AND MANAGERS	171	69	6	-	-	6	96	-	9	13	57	88
FARM WORKERS AND RELATED OCCUPATIONS	1 809	1 255	294	59	36	199	211	49	87	283	739	610
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	12 223	10 111	1 030	492	119	419	1 050	32	277	1 379	7 187	3 005
MECHANICS AND REPAIRERS	3 589	2 896	456	263	60	133	232	5	73	249	2 117	1 047
CONSTRUCTION TRADES	4 792	3 710	343	125	48	170	726	15	140	964	2 752	793
PRECISION PRODUCTION OCCUPATIONS	3 577	3 245	231	104	11	116	89	12	34	166	2 200	1 063
OPERATORS, FABRICATORS, AND LABORERS	13 197	11 579	1 171	404	163	604	433	14	362	1 544	7 574	3 127
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	2 884	2 618	202	78	37	87	64	-	35	238	1 925	586
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	2 158	1 962	154	71	22	61	42	-	12	162	1 486	381
TRANSPORTATION OCCUPATIONS	3 019	2 555	236	56	36	144	228	-	72	266	1 281	1 224
MOTOR VEHICLE OPERATORS	2 904	2 458	218	38	36	144	228	-	72	266	1 229	1 174
MATERIAL MOVING EQUIPMENT OPERATORS	1 384	1 122	222	58	51	113	40	-	13	208	815	293
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	3 752	3 322	357	141	17	199	59	14	230	670	2 067	643
CONSTRUCTION LABORERS	815	687	121	51	4	66	-	7	61	114	518	99
FREIGHT, STOCK, AND MATERIAL HANDLERS	987	917	56	12	-	44	14	-	102	254	455	143

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

CALIFORNIA	EMPLOYED PERSONS										PERSONS AT WORK			
	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS	
		TOTAL	FEDERAL	STATE			LOCAL	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS				
AMERICAN INDIAN, ESKIMO, ALEUT														
FEMALES 16 YEARS AND OVER	40 135	28 992	9 305	2 147	2 105	5 053	1 622	216	2 407	8 744	22 053	5 260		
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	7 304	4 073	2 760	427	655	1 678	451	20	331	1 124	4 166	1 425		
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	3 257	2 264	746	252	200	294	233	14	87	362	1 985	722		
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	89	-	89	44	15	30	-	-	-	8	71	10		
MANAGEMENT RELATED OCCUPATIONS	1 052	682	302	122	89	91	54	14	20	132	745	121		
PROFESSIONAL SPECIALTY OCCUPATIONS	4 047	1 809	2 014	175	455	1 384	218	6	244	762	2 181	703		
ENGINEERS AND NATURAL SCIENTISTS	206	159	38	6	10	22	9	-	-	21	131	54		
ENGINEERS	73	66	7	-	-	7	-	-	-	10	36	27		
HEALTH DIAGNOSING OCCUPATIONS	20	13	-	-	-	-	7	-	7	-	-	13		
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	996	752	220	27	63	130	18	6	42	133	613	159		
TEACHERS, LIBRARIANS, AND COUNSELORS	1 874	392	1 458	111	309	1 038	24	-	128	441	944	267		
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	1 404	272	1 132	72	187	873	-	-	66	273	764	220		
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	17 897	13 200	4 066	1 346	912	1 808	498	133	880	3 574	10 748	2 111		
HEALTH TECHNOLOGISTS AND TECHNICIANS	778	645	108	17	43	48	25	-	27	151	440	137		
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	504	337	167	57	36	74	-	-	11	66	334	63		
SALES OCCUPATIONS	3 936	3 469	110	35	40	35	330	27	371	1 327	1 623	474		
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	359	253	13	-	-	13	89	4	13	66	162	118		
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	895	717	29	21	8	149	-	-	11	227	441	182		
OTHER SALES OCCUPATIONS	2 682	2 499	68	14	40	14	92	23	347	1 034	1 020	174		
CASHIERS	1 340	1 263	62	14	34	14	7	8	141	509	572	77		
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	12 679	8 749	3 681	1 237	793	1 651	143	106	471	2 030	8 351	1 437		
COMPUTER EQUIPMENT OPERATORS	246	197	49	22	5	22	-	-	3	18	173	36		
SECRETARIES, STENOGRAPHERS, AND TYPISTS	3 356	2 176	1 115	406	183	526	31	34	127	414	2 413	348		
FINANCIAL RECORDS PROCESSING OCCUPATIONS	1 735	1 346	263	64	66	133	66	60	43	281	1 106	231		
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	282	121	157	144	-	13	4	-	5	44	155	73		
SERVICE OCCUPATIONS	8 473	6 136	1 883	208	414	1 261	439	15	880	2 996	3 440	690		
PRIVATE HOUSEHOLD OCCUPATIONS	613	613	-	-	-	-	-	-	156	158	212	41		
PROTECTIVE SERVICE OCCUPATIONS	310	143	160	24	32	104	-	7	18	68	192	20		
POLICE AND FIREFIGHTERS	53	-	53	11	5	37	-	-	-	11	32	10		
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	7 550	5 380	1 723	184	382	1 157	439	8	706	2 770	3 036	629		
FOOD SERVICE OCCUPATIONS	2 939	2 411	479	44	87	348	41	8	286	1 348	1 013	186		
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	1 085	799	237	26	59	152	49	-	138	279	510	56		
FARMING, FORESTRY, AND FISHING OCCUPATIONS	498	322	111	62	22	27	57	8	39	89	267	81		
FARM OPERATORS AND MANAGERS	82	39	-	-	-	-	43	-	-	8	42	32		
FARM WORKERS AND RELATED OCCUPATIONS	341	268	51	6	18	27	14	8	39	72	159	49		
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	1 593	1 397	94	24	11	59	89	13	65	227	867	360		
MECHANICS AND REPAIRERS	188	161	27	8	5	14	-	-	-	-	121	59		
CONSTRUCTION TRADES	199	133	15	-	-	15	38	13	22	78	83	16		
PRECISION PRODUCTION OCCUPATIONS	1 185	1 087	52	16	6	30	46	-	43	149	653	274		
OPERATORS, FABRICATORS, AND LABORERS	4 370	3 864	391	80	91	220	88	27	212	734	2 565	593		
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	1 502	1 386	64	19	22	23	33	19	50	242	900	187		
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	1 454	1 364	73	32	13	28	17	-	38	157	928	269		
TRANSPORTATION OCCUPATIONS	504	277	208	16	28	164	19	-	55	127	243	47		
MOTOR VEHICLE OPERATORS	499	272	208	16	28	164	19	-	55	122	243	47		
MATERIAL MOVING EQUIPMENT OPERATORS	64	46	6	-	6	-	12	-	-	-	37	17		
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	846	791	40	13	22	5	7	8	69	208	457	73		
CONSTRUCTION LABORERS	51	46	5	-	-	5	-	-	-	21	30	-		
FREIGHT, STOCK, AND MATERIAL HANDLERS	247	239	8	-	8	-	-	-	17	115	92	10		

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B.

CALIFORNIA	EMPLOYED PERSONS										PERSONS AT WORK			
	PRIV. WAGE AND SALARY WORKERS TOTAL	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS	
		TOTAL	FEDERAL	STATE			LOCAL	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS				
ASIAN AND PACIFIC ISLANDER														
MALES 16 YEARS AND OVER	331 186	246 048	50 083	18 393	12 163	19 527	33 694	1 361	12 997	33 081	192 335	85 611		
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	97 343	66 171	19 089	4 526	5 971	8 592	11 883	200	2 397	5 443	59 461	28 490		
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	43 602	30 232	6 313	2 150	1 590	2 573	6 877	180	976	1 646	24 621	15 665		
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	753	-	753	297	205	251	-	-	11	31	549	155		
MANAGEMENT RELATED OCCUPATIONS	13 300	8 988	3 574	1 270	853	1 451	717	21	179	427	9 335	3 187		
PROFESSIONAL SPECIALTY OCCUPATIONS	53 741	35 939	12 776	2 376	4 381	6 019	5 006	20	1 421	3 797	34 840	12 825		
ENGINEERS AND NATURAL SCIENTISTS	28 625	23 466	4 580	1 496	1 583	1 501	579	-	182	734	22 167	5 253		
ENGINEERS	22 123	18 674	3 264	995	1 050	1 259	185	-	103	511	17 480	3 826		
HEALTH DIAGNOSING OCCUPATIONS	6 016	2 675	836	209	274	353	2 505	-	121	397	2 275	3 076		
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	3 132	2 419	434	111	54	269	279	-	69	291	1 866	834		
TEACHERS, LIBRARIANS, AND COUNSELORS	6 609	1 398	5 016	237	1 967	2 812	195	-	541	1 360	3 164	1 404		
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	2 916	285	2 626	40	372	2 214	5	-	170	458	1 610	635		
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	86 150	63 329	15 852	8 080	3 695	4 077	6 561	408	3 470	9 358	50 952	20 753		
HEALTH TECHNOLOGISTS AND TECHNICIANS	2 520	1 776	705	170	301	234	39	-	52	9 236	1 630	563		
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	18 960	15 317	3 477	1 035	1 491	951	166	-	439	1 474	13 468	3 343		
SALES OCCUPATIONS	27 862	21 135	337	101	95	141	6 099	291	1 363	4 017	11 732	10 189		
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	8 361	4 664	33	11	5	17	3 531	133	218	282	2 831	4 884		
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	8 450	6 795	75	15	25	35	1 523	57	207	665	4 651	2 791		
OTHER SALES OCCUPATIONS	11 051	9 676	229	75	65	89	1 045	101	938	3 070	4 250	2 514		
CASHIERS	4 397	3 881	165	35	51	79	284	67	256	1 273	1 860	915		
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	36 808	25 101	11 333	6 774	1 808	2 751	257	117	1 616	3 631	24 122	6 658		
COMPUTER EQUIPMENT OPERATORS	2 419	1 944	458	107	166	185	17	-	47	205	1 734	405		
SECRETARIES, STENOGRAPHERS, AND TYPISTS	822	520	290	125	62	103	5	7	60	47	537	165		
FINANCIAL RECORDS PROCESSING OCCUPATIONS	4 354	3 564	728	190	196	342	33	29	147	383	3 116	640		
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	5 703	1 140	4 535	4 445	41	49	20	8	139	433	3 706	1 317		
SERVICE OCCUPATIONS	43 370	34 069	6 552	1 579	1 468	3 505	2 491	258	3 290	7 579	22 037	9 206		
PRIVATE HOUSEHOLD OCCUPATIONS	456	431	-	-	-	-	25	-	66	112	204	69		
PROTECTIVE SERVICE OCCUPATIONS	3 619	1 730	1 871	274	326	1 271	18	-	66	434	2 100	876		
POLICE AND FIREFIGHTERS	998	12	986	104	99	783	-	-	3	25	543	403		
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	39 295	31 908	4 681	1 305	1 142	2 234	2 448	258	3 158	7 033	19 733	8 261		
FOOD SERVICE OCCUPATIONS	24 091	21 507	951	471	221	259	1 445	188	1 833	4 904	10 425	6 182		
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	10 242	7 079	2 724	687	612	1 425	390	49	845	1 140	6 789	1 182		
FARMING, FORESTRY, AND FISHING OCCUPATIONS	16 063	7 025	941	104	132	705	7 858	239	1 109	2 511	5 785	6 296		
FARM OPERATORS AND MANAGERS	3 316	1 012	20	13	-	-	2 284	-	116	280	864	2 006		
FARM WORKERS AND RELATED OCCUPATIONS	12 560	5 878	903	81	124	698	5 540	239	971	2 198	4 848	4 231		
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	43 468	35 171	4 368	2 547	380	1 441	3 777	152	858	2 531	27 839	11 184		
MECHANICS AND REPAIRERS	15 745	12 340	1 927	1 248	108	571	1 416	62	386	621	10 251	4 118		
CONSTRUCTION TRADES	8 382	6 048	1 137	568	192	377	1 181	16	181	1 008	5 327	1 535		
PRECISION PRODUCTION OCCUPATIONS	19 306	16 756	1 304	731	80	493	1 172	74	291	902	12 241	5 516		
OPERATORS, FABRICATORS, AND LABORERS	44 792	40 283	3 281	1 557	517	1 207	1 124	104	1 873	5 659	26 261	9 682		
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	13 959	12 882	655	300	202	153	403	19	383	843	8 898	3 458		
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	9 292	8 686	449	278	56	115	137	20	164	560	6 352	1 946		
TRANSPORTATION OCCUPATIONS	6 102	4 968	784	146	50	588	346	4	264	725	2 978	1 835		
MOTOR VEHICLE OPERATORS	5 662	4 577	743	115	50	578	338	4	259	705	2 761	1 699		
MATERIAL MOVING EQUIPMENT OPERATORS	1 656	1 445	171	103	20	48	40	-	50	168	1 046	346		
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	13 783	12 302	1 222	730	189	303	198	61	1 012	3 363	6 987	2 097		
CONSTRUCTION LABORERS	943	791	129	18	13	98	-	23	71	210	546	98		
FREIGHT, STOCK, AND MATERIAL HANDLERS	5 486	5 177	267	221	5	41	33	9	462	1 844	2 323	799		

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

CALIFORNIA	EMPLOYED PERSONS										PERSONS AT WORK			
	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS	
		TOTAL	FEDERAL	STATE			LOCAL	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS				
ASIAN AND PACIFIC ISLANDER														
FEMALES 16 YEARS AND OVER	292 791	223 659	52 591	11 232	14 069	27 290	13 376	3 165	16 732	53 273	177 431	35 581		
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	63 316	37 681	20 333	2 675	5 148	12 510	4 745	557	2 942	8 960	39 645	9 778		
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	24 734	16 553	4 614	1 242	1 479	1 893	3 098	469	532	2 074	16 249	5 212		
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	417	-	417	163	115	139	-	-	17	10	338	37		
MANAGEMENT RELATED OCCUPATIONS	11 777	8 811	2 759	789	897	1 073	172	35	181	732	9 031	1 530		
PROFESSIONAL SPECIALTY OCCUPATIONS	38 582	21 128	15 719	1 433	3 669	10 617	1 647	88	2 410	6 886	23 396	4 566		
ENGINEERS AND NATURAL SCIENTISTS	3 855	3 150	647	208	247	192	58	-	37	238	3 043	457		
ENGINEERS	1 230	1 105	125	42	36	47	-	-	12	57	1 012	125		
HEALTH DIAGNOSING OCCUPATIONS	1 629	818	387	46	142	199	416	8	21	371	706	462		
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	15 405	11 572	3 675	685	903	2 087	138	20	294	2 282	10 507	1 759		
TEACHERS, LIBRARIANS, AND COUNSELORS	11 927	2 242	9 276	246	1 892	7 138	387	22	1 509	2 877	6 086	1 000		
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	8 582	1 319	7 201	129	864	6 208	47	15	695	1 927	4 884	756		
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	132 285	101 401	25 469	7 122	7 478	10 869	3 937	1 478	7 813	23 867	82 933	13 684		
HEALTH TECHNOLOGISTS AND TECHNICIANS	7 437	5 973	1 418	241	7 561	616	39	7	257	1 121	5 029	13 799		
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	6 706	5 330	1 317	196	801	320	55	4	346	752	4 700	744		
SALES OCCUPATIONS	25 931	20 808	1 020	661	161	198	3 281	822	2 579	8 817	9 924	3 811		
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	2 930	1 298	41	22	12	7	1 438	153	97	398	1 265	1 068		
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	4 725	4 038	76	11	23	42	548	63	328	905	2 526	810		
OTHER SALES OCCUPATIONS	18 276	15 472	903	628	126	149	1 295	606	2 154	7 514	6 133	1 933		
CASHIERS	8 661	7 232	592	388	112	92	468	369	857	3 291	3 191	1 082		
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	92 211	69 290	21 714	6 024	5 955	9 735	562	645	4 631	13 177	63 280	8 330		
COMPUTER EQUIPMENT OPERATORS	2 525	2 052	469	181	126	162	-	4	59	284	1 794	268		
SECRETARIES, STENOGRAHERS, AND TYPISTS	22 873	15 672	6 889	1 348	2 096	3 445	165	147	1 158	2 978	16 237	1 830		
FINANCIAL RECORDS PROCESSING OCCUPATIONS	15 140	12 691	2 000	495	513	992	175	274	568	2 061	10 688	1 350		
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 937	582	1 348	1 301	9	38	7	-	49	204	1 287	340		
SERVICE OCCUPATIONS	41 560	32 504	5 547	998	1 087	3 462	2 804	705	3 974	13 425	18 280	4 355		
PRIVATE HOUSEHOLD OCCUPATIONS	3 352	3 352	-	-	-	-	-	-	567	1 029	1 236	344		
PROTECTIVE SERVICE OCCUPATIONS	467	314	153	9	46	98	-	-	16	97	281	54		
POLICE AND FIREFIGHTERS	60	-	60	-	17	43	-	-	-	5	45	3		
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	37 741	28 838	5 394	989	1 041	3 364	2 804	705	3 391	12 299	16 763	3 957		
FOOD SERVICE OCCUPATIONS	15 407	12 342	1 392	485	279	628	1 071	602	1 608	5 981	5 277	1 950		
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	5 845	4 924	680	224	163	293	188	53	482	1 288	3 524	397		
FARMING, FORESTRY, AND FISHING OCCUPATIONS	2 916	2 027	113	20	64	29	571	205	241	778	1 153	625		
FARM OPERATORS AND MANAGERS	569	151	-	-	-	-	418	-	49	105	177	224		
FARM WORKERS AND RELATED OCCUPATIONS	2 321	1 863	100	13	64	23	153	205	192	673	963	401		
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	13 483	12 391	342	193	55	94	682	68	390	1 130	9 163	2 427		
MECHANICS AND REPAIRERS	860	726	88	54	9	25	46	-	6	63	586	191		
CONSTRUCTION TRADES	372	223	39	14	18	7	110	-	44	27	218	74		
PRECISION PRODUCTION OCCUPATIONS	12 242	11 433	215	125	28	62	526	68	340	1 040	8 359	2 153		
OPERATORS, FABRICATORS, AND LABORERS	39 231	37 655	787	224	237	326	637	152	1 372	5 113	26 257	4 712		
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	20 341	19 593	290	117	91	82	431	27	777	2 985	13 383	2 193		
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	13 642	13 350	178	21	85	72	108	6	232	920	10 005	1 959		
TRANSPORTATION OCCUPATIONS	322	233	68	-	6	62	14	7	18	83	170	41		
MOTOR VEHICLE OPERATORS	313	224	68	-	6	62	14	7	18	83	161	41		
MATERIAL MOVING EQUIPMENT OPERATORS	201	193	8	-	8	-	-	-	-	5	150	34		
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	4 725	4 286	243	86	47	110	84	112	345	1 120	2 549	485		
CONSTRUCTION LABORERS	43	22	14	5	-	9	-	7	-	14	24	5		
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 064	967	20	8	-	12	47	30	135	412	366	89		

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B1

CALIFORNIA	EMPLOYED PERSONS											PERSONS AT WORK				
	PRIV. WAGE AND SALARY TOTAL WORKERS		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS		UNPAID FAMILY WORKERS		1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS			
	TOTAL	FEDERAL	STATE	LOCAL												
SPANISH ORIGIN																
MALES 16 YEARS AND OVER	1 078 863	914 909	110 769	28 873	20 635	61 261	50 794	2 391	30 687	104 684	655 143	253 432				
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	109 186	69 364	27 872	5 405	7 137	15 330	11 674	276	3 087	8 026	61 732	34 301				
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	61 728	44 179	10 257	3 219	2 531	4 507	7 054	238	945	2 431	34 405	22 917				
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	1 617	7	1 610	561	293	756	-	-	21	43	1 234	313				
MANAGEMENT RELATED OCCUPATIONS	14 653	9 684	4 037	1 665	1 022	1 350	921	11	253	533	9 761	3 894				
PROFESSIONAL SPECIALTY OCCUPATIONS	47 458	25 185	17 615	2 186	4 606	10 823	4 620	38	2 142	5 595	27 327	11 384				
ENGINEERS AND NATURAL SCIENTISTS	13 648	10 385	2 560	1 088	563	909	703	-	162	537	9 748	2 970				
ENGINEERS	9 527	7 892	1 432	664	229	539	203	-	72	311	6 915	2 097				
HEALTH DIAGNOSING OCCUPATIONS	2 253	928	453	93	101	259	872	-	34	162	712	1 293				
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	2 021	1 458	500	136	138	226	63	-	35	196	1 163	587				
TEACHERS, LIBRARIANS, AND COUNSELORS	12 429	2 485	9 701	295	2 813	6 593	243	-	1 042	2 112	6 640	2 332				
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	7 053	978	6 075	87	919	5 069	-	-	347	978	4 091	1 456				
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	140 730	112 842	20 245	10 379	3 272	6 594	7 402	241	4 613	16 956	81 912	34 251				
HEALTH TECHNOLOGISTS AND TECHNICIANS	2 421	1 762	652	197	117	338	-	85	-	335	1 267	11 123	3 399			
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	16 462	13 155	3 009	1 338	753	918	298	-	2 119	8 791	24 550	16 892				
SALES OCCUPATIONS	53 418	45 881	772	209	151	412	6 597	168	-	1 394	1 343	8 193	5 170			
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	10 701	7 657	58	31	-	27	2 926	60	178	532	4 195	5 662				
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	15 367	12 982	212	34	59	119	2 144	29	-	1 547	6 916	12 162	6 060			
OTHER SALES OCCUPATIONS	27 350	25 242	502	144	92	266	1 527	79	1 547	2 439	3 352	947				
CASHIERS	7 475	7 033	289	46	75	168	117	36	-	585	-					
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	68 429	52 044	15 812	8 635	2 251	4 926	500	73	2 074	6 565	44 796	13 465	651			
COMPUTER EQUIPMENT OPERATORS	2 829	2 355	446	161	105	180	28	-	80	199	1 862					
SECRETARIES, STENOGRAPHERS, AND TYPISTS	1 371	841	508	162	104	242	22	-	42	161	1 005	118				
FINANCIAL RECORDS PROCESSING OCCUPATIONS	3 543	2 922	472	190	140	142	136	13	148	369	2 146	790				
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	7 762	2 175	5 555	5 299	82	174	32	-	183	575	4 894	2 008				
SERVICE OCCUPATIONS	141 437	110 070	26 460	2 692	5 238	18 530	4 590	317	6 317	19 984	86 895	24 374				
PRIVATE HOUSEHOLD OCCUPATIONS	1 127	1 127	-	-	-	-	-	97	-	184	603	225				
PROTECTIVE SERVICE OCCUPATIONS	14 236	4 670	9 518	842	1 316	7 360	48	-	282	1 074	7 829	4 617				
POLICE AND FIREFIGHTERS	5 828	33	5 790	473	545	4 772	5	-	31	200	2 891	2 536				
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	126 074	104 273	16 942	1 850	3 922	11 170	4 542	317	5 938	18 726	78 463	19 532				
FOOD SERVICE OCCUPATIONS	62 415	60 059	1 264	287	328	649	851	241	2 814	10 520	37 344	10 189				
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	49 926	36 026	12 629	1 117	2 728	8 784	1 222	49	2 431	5 499	33 910	6 480				
FARMING, FORESTRY, AND FISHING OCCUPATIONS	109 260	94 296	5 705	584	1 043	4 078	8 601	658	4 175	11 121	45 762	42 510				
FARM OPERATORS AND MANAGERS	4 882	2 333	32	8	15	9	2 517	-	126	567	1 632	2 401				
FARM WORKERS AND RELATED OCCUPATIONS	103 508	91 372	5 494	461	990	4 043	5 989	653	4 016	10 423	43 676	39 896				
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	217 774	190 075	13 470	5 286	1 714	6 470	13 798	431	3 957	16 962	141 477	48 450				
MECHANICS AND REPAIRERS	64 186	54 913	5 406	2 313	620	2 473	3 771	1 133	2 863	42 458	16 014					
CONSTRUCTION TRADES	72 438	60 254	4 613	1 458	630	2 525	7 363	208	1 816	10 318	47 138	10 339				
PRECISION PRODUCTION OCCUPATIONS	80 142	73 933	3 422	1 515	458	1 449	2 660	127	993	3 721	51 314	21 778				
OPERATORS, FABRICATORS, AND LABORERS	360 476	338 262	17 017	4 527	2 231	10 259	4 729	468	8 538	31 635	237 365	69 546				
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	121 424	116 876	3 392	1 099	606	1 687	1 077	79	1 670	6 700	85 764	22 920				
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	62 148	59 456	2 109	845	333	931	525	58	1 166	4 046	44 783	10 267				
TRANSPORTATION OCCUPATIONS	51 172	45 046	3 920	603	414	2 903	2 131	75	1 159	4 470	27 810	15 700				
MOTOR VEHICLE OPERATORS	49 859	43 806	3 833	562	398	2 873	2 125	75	1 129	4 358	27 119	15 367				
MATERIAL MOVING EQUIPMENT OPERATORS	22 592	20 764	1 478	454	249	775	327	23	540	1 494	14 398	5 252				
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	103 140	96 120	6 118	1 526	629	3 963	669	233	4 003	14 925	64 610	15 407				
CONSTRUCTION LABORERS	23 295	21 461	1 754	158	209	1 387	-	80	680	3 346	15 308	2 736				
FREIGHT, STOCK, AND MATERIAL HANDLERS	21 870	20 441	1 284	407	63	814	132	13	1 398	5 647	11 026	3 030				

TABLE 22D. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

CALIFORNIA	EMPLOYED PERSONS								PERSONS AT WORK			
	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS					
		TOTAL	FEDERAL	STATE			LOCAL	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS		
SPANISH ORIGIN												
FEMALES 16 YEARS AND OVER	696 278	555 868	121 379	20 135	25 548	75 696	16 009	3 022	36 303	142 058	419 891	66 536
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	77 071	42 498	30 289	3 603	6 807	19 879	3 748	536	4 251	14 354	44 781	11 074
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	34 093	24 471	6 765	1 855	2 124	2 786	2 428	429	1 066	3 400	22 498	6 195
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	595	-	595	170	158	267	-	-	12	59	438	57
MANAGEMENT RELATED OCCUPATIONS	12 579	8 764	3 483	1 317	1 258	908	284	48	233	1 113	9 241	1 714
PROFESSIONAL SPECIALTY OCCUPATIONS	42 978	18 027	23 524	1 748	4 683	17 093	1 320	107	3 185	10 954	22 283	4 879
ENGINEERS AND NATURAL SCIENTISTS	2 012	1 586	383	138	108	137	43	-	47	187	1 428	281
ENGINEERS	880	787	85	50	11	24	8	-	-	48	637	160
HEALTH DIAGNOSING OCCUPATIONS	648	400	117	22	14	81	114	17	39	137	253	163
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	8 103	5 776	2 167	252	584	1 331	140	20	226	1 657	4 831	1 099
TEACHERS, LIBRARIANS, AND COUNSELORS	21 637	4 939	16 416	786	3 322	12 308	269	13	2 178	6 863	9 880	1 921
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	16 745	3 519	13 164	579	1 990	10 595	62	-	1 301	5 225	8 139	1 479
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	260 795	198 917	55 902	12 195	12 037	31 670	4 464	1 512	13 188	54 807	161 937	21 679
HEALTH TECHNOLOGISTS AND TECHNICIANS	6 220	5 031	1 061	132	250	679	92	36	1 012	4 020	790	
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	6 090	4 590	1 438	381	435	622	48	14	169	596	4 275	845
SALES OCCUPATIONS	58 123	52 573	1 794	616	382	796	3 267	489	5 208	21 557	24 098	4 889
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	4 381	3 084	65	31	-	34	1 144	88	161	657	2 340	1 019
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	7 376	6 536	129	55	29	45	621	90	412	1 380	4 249	1 100
OTHER SALES OCCUPATIONS	46 366	42 953	1 600	530	353	717	1 502	311	4 635	19 520	17 509	2 770
CASHIERS	21 757	20 324	282	221	570	200	1 745	160	174	9 314	8 433	1 326
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	190 362	136 723	51 609	11 066	10 970	29 573	1 057	973	7 632	31 642	129 544	15 155
COMPUTER EQUIPMENT OPERATORS	3 543	2 987	556	210	107	239	-	-	112	239	2 727	342
SECRETARIES, STENOGRAPHERS, AND TYPISTS	52 127	34 780	16 743	2 948	3 839	9 956	292	312	1 868	6 963	38 156	3 459
FINANCIAL RECORDS PROCESSING OCCUPATIONS	20 265	17 428	2 345	367	445	1 533	281	211	609	2 904	14 362	1 811
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	3 009	1 299	1 688	1 442	59	187	14	8	104	374	2 040	406
SERVICE OCCUPATIONS	140 914	106 348	28 319	2 715	5 432	20 172	5 685	562	12 448	45 968	65 139	10 929
PRIVATE HOUSEHOLD OCCUPATIONS	22 658	22 642	-	-	-	-	16	-	2 512	5 564	11 247	2 331
PROTECTIVE SERVICE OCCUPATIONS	2 071	881	1 176	107	138	931	14	-	134	487	1 103	227
POLICE AND FIREFIGHTERS	446	5	441	33	37	371	-	-	16	41	321	59
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	116 185	82 825	27 143	2 608	5 294	19 241	5 655	562	9 802	39 917	52 789	8 371
FOOD SERVICE OCCUPATIONS	36 466	30 633	4 881	389	739	3 753	646	306	3 533	14 347	14 313	2 569
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	24 304	20 717	2 644	309	747	1 588	872	71	1 786	5 438	14 402	1 439
FARMING, FORESTRY, AND FISHING OCCUPATIONS	23 616	22 185	768	114	154	500	512	151	1 321	5 083	10 457	4 688
FARM OPERATORS AND MANAGERS	511	168	8	-	-	8	335	2	93	176	141	
FARM WORKERS AND RELATED OCCUPATIONS	23 042	22 003	719	86	150	483	169	151	1 303	4 970	10 262	4 547
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	34 130	31 949	1 163	369	206	588	949	69	601	3 475	23 768	4 348
MECHANICS AND REPAIRERS	2 640	2 391	205	95	17	93	44	-	29	202	1 826	492
CONSTRUCTION TRADES	1 474	1 212	102	16	19	67	145	15	50	181	927	252
PRECISION PRODUCTION OCCUPATIONS	29 970	28 303	856	258	170	428	757	54	508	3 089	20 986	3 604
OPERATORS, FABRICATORS, AND LABORERS	159 752	153 971	4 938	1 139	912	2 887	651	192	4 494	18 371	113 809	13 818
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	77 760	75 483	1 850	490	383	977	350	77	1 892	8 421	56 845	6 040
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	47 311	45 925	1 301	348	249	704	83	2	1 053	3 857	34 669	5 105
TRANSPORTATION OCCUPATIONS	2 880	1 815	966	65	115	786	86	13	180	806	1 357	394
MOTOR VEHICLE OPERATORS	2 837	1 778	960	65	109	786	86	13	170	797	1 338	394
MATERIAL MOVING EQUIPMENT OPERATORS	1 261	1 223	38	7	-	31	-	-	15	121	916	112
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	30 540	29 525	783	229	165	389	132	100	1 354	5 166	20 042	2 167
CONSTRUCTION LABORERS	525	471	51	11	11	29	-	3	22	39	395	51
FREIGHT, STOCK, AND MATERIAL HANDLERS	3 889	3 647	139	54	36	49	54	49	319	1 505	1 745	188

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

ANAHEIM-SANTA ANA-GARDEN GROVE, CA SMSA

	PRIV. WAGE AND SALARY TOTAL WORKERS	EMPLOYED PERSONS						PERSONS AT WORK						
		GOVERNMENT WORKERS			SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS			15 TO 34 HOURS			35 TO 40 HOURS	
		TOTAL	FEDERAL	STATE			LOCAL							
TOTAL														
MALES 16 YEARS AND OVER	562 549	454 023	56 541	11 612	11 310	33 619	50 920	1 065	14 984	57 355	285 812	192 364		
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	181 733	136 635	25 221	3 225	6 679	15 317	19 577	300	3 110	9 802	90 301	76 198		
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	103 491	85 406	7 836	1 929	1 540	4 367	9 999	250	1 239	3 904	47 698	49 458		
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	1 243	-	1 243	266	187	790	-	-	20	31	715	456		
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	1 912	279	1 610	-	453	1 157	23	-	43	50	895	915		
MANAGERS, MEDICINE AND HEALTH	471	366	90	18	47	25	15	-	5	7	211	248		
OTHER SPECIFIED MANAGERS	22 019	20 499	494	207	84	203	987	39	191	640	10 440	10 540		
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	51 870	49 904	1 966	434	371	1 161	-	-	489	1 678	22 817	26 265		
MANUFACTURING	20 104	20 046	58	44	14	-	-	-	135	367	9 201	10 192		
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	3 261	2 912	349	110	6	233	-	-	19	109	1 575	1 466		
WHOLESALE AND RETAIL TRADE	12 293	12 247	46	34	12	-	-	-	122	479	4 306	7 204		
ALL OTHER INDUSTRIES	16 212	14 699	1 513	246	351	916	-	-	213	723	7 735	7 403		
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	6 617	-	-	-	-	-	6 427	190	205	467	2 106	3 751		
CONSTRUCTION	646	-	-	-	-	-	646	-	20	41	291	282		
MANUFACTURING	1 521	-	-	-	-	-	1 503	18	52	43	505	908		
WHOLESALE AND RETAIL TRADE	2 196	-	-	-	-	-	2 098	98	69	88	612	1 409		
ALL OTHER INDUSTRIES	2 254	-	-	-	-	-	2 180	74	64	295	698	1 152		
MANAGEMENT RELATED OCCUPATIONS	19 359	14 358	2 433	1 004	398	1 031	2 547	21	286	1 031	10 514	7 283		
ACCOUNTANTS AND AUDITORS	6 939	5 155	747	352	137	258	1 037	-	70	332	3 688	2 776		
BUYERS AND PURCHASING AGENTS	3 348	3 116	87	39	22	26	134	11	23	123	1 913	1 232		
PROFESSIONAL SPECIALTY OCCUPATIONS	78 242	51 229	17 385	1 296	5 139	10 950	9 578	50	1 871	5 898	42 603	26 740		
ENGINEERS, ARCHITECTS, AND SURVEYORS	30 270	27 715	1 290	512	212	566	1 265	-	122	1 014	20 197	8 564		
ARCHITECTS	1 574	1 053	48	-	-	48	473	-	7	103	688	770		
ENGINEERS	28 471	26 492	1 204	512	194	498	775	-	115	884	19 368	7 746		
ELECTRICAL AND ELECTRONIC ENGINEERS	7 309	7 013	149	110	9	30	147	-	13	242	5 164	1 809		
MECHANICAL ENGINEERS	2 574	2 444	48	35	-	13	82	-	15	65	1 737	735		
OTHER ENGINEERS	18 588	17 035	1 007	367	185	455	546	-	87	577	12 467	5 202		
SURVEYORS AND MAPPING SCIENTISTS	225	170	38	-	18	20	17	-	-	27	141	48		
MATHEMATICAL AND COMPUTER SCIENTISTS	3 444	3 033	260	88	79	93	151	-	22	97	2 312	971		
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	2 471	2 178	154	38	52	64	139	-	22	68	1 625	726		
NATURAL SCIENTISTS	2 208	1 654	457	125	212	120	97	-	37	102	1 501	537		
HEALTH DIAGNOSING OCCUPATIONS	6 395	3 431	612	218	244	150	2 352	-	139	611	1 899	3 615		
PHYSICIANS	4 243	2 572	592	218	237	137	1 079	-	75	257	959	2 874		
DENTISTS	1 186	486	7	-	-	7	693	-	26	226	551	337		
OTHER HEALTH DIAGNOSING PRACTITIONERS	966	373	13	-	7	6	580	-	38	128	389	404		
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	2 281	1 695	417	78	116	223	169	-	53	191	1 101	926		
REGISTERED NURSES	497	372	92	17	57	18	33	-	-	59	317	121		
PHARMACISTS	1 005	860	66	23	37	6	79	-	49	63	428	460		
THERAPISTS	558	368	133	31	22	80	57	-	4	46	318	185		
TEACHERS, LIBRARIANS, AND COUNSELORS	14 081	2 109	11 728	95	3 773	7 860	244	-	725	1 627	7 070	4 439		
TEACHERS, POSTSECONDARY	3 399	452	2 947	20	1 946	981	-	-	275	600	1 296	1 168		
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	4 672	357	4 315	15	754	3 546	-	-	112	252	1 973	1 325		
TEACHERS, SECONDARY	3 711	282	3 429	-	735	2 694	-	-	-	-	-	-		
SOCIAL SCIENTISTS AND URBAN PLANNERS	1 837	1 082	465	29	75	361	290	-	38	119	911	763		
SOCIAL AND RECREATION WORKERS	1 437	344	998	51	101	846	95	-	22	174	897	308		
RELIGIOUS WORKERS	1 840	1 574	-	-	-	-	266	-	112	178	528	1 011		
LAWYERS AND JUDGES	4 644	1 882	634	45	158	431	2 128	-	98	265	1 698	2 549		
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	9 805	6 710	524	55	169	300	2 521	50	503	1 520	4 489	3 057		
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	123 593	102 832	8 782	4 827	1 330	2 625	11 759	220	3 389	13 634	61 686	42 636		
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	21 558	18 777	2 133	813	549	771	639	9	439	1 882	12 844	5 816		
HEALTH TECHNOLOGISTS AND TECHNICIANS	1 606	1 316	265	39	144	82	25	-	6	152	889	488		
LICENSED PRACTICAL NURSES	128	-	-	-	-	-	-	-	-	13	60	22		
ENGINEERING AND SCIENCE TECHNICIANS	11 281	10 027	901	338	170	393	344	9	229	846	6 952	2 974		
ELECTRICAL AND ELECTRONIC TECHNICIANS	3 898	3 531	347	195	59	93	11	9	34	246	2 464	1 062		
DRAFTING AND SURVEYING TECHNICIANS	3 685	3 294	172	13	11	148	219	-	81	399	2 302	824		
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	8 671	7 434	967	436	235	296	270	-	204	884	5 003	2 356		
AIRPLANE PILOTS AND NAVIGATORS	1 546	1 497	31	12	-	19	18	-	99	486	5 582	314		
COMPUTER PROGRAMMERS	3 397	3 057	176	33	43	100	164	-	29	171	2 298	860		
SALES OCCUPATIONS	66 351	55 381	375	157	50	168	10 477	118	2 005	7 854	29 018	26 466		
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	11 309	8 253	67	35	13	19	2 968	21	97	466	3 781	6 780		
SELF-EMPLOYED	2 989	-	-	-	-	-	2 968	21	44	213	825	1 865		
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	17 619	13 174	154	42	17	95	4 273	18	459	1 524	8 042	7 285		
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	16 437	14 989	26	13	6	7	1 416	6	228	649	9 261	6 153		
SALES WORKERS, RETAIL AND PERSONAL SERVICES	20 911	18 909	128	67	14	47	1 801	73	1 221	5 208	7 898	6 222		
CASHIERS	3 206	3 071	85	51	-	34	50	-	329	1 294	999	479		
SALES RELATED OCCUPATIONS	75	56	-	-	-	-	19	-	-	7	36	26		

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

ANAHEIM-SANTA ANA-GARDEN GROVE, CA SMSA

	EMPLOYED PERSONS										PERSONS AT WORK			
	PRIV. WAGE AND SALARY WORKERS		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS		UNPAID FAMILY WORKERS		1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS	
	TOTAL		TOTAL	FEDERAL	STATE	LOCAL								
TOTAL														
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	35 684	28 674	6 274	3 857	731	1 686	643	93	945	3 898	19 824	10 354		
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	5 034	4 295	652	312	95	244	79	8	11	94	2 933	1 882		
COMPUTER EQUIPMENT OPERATORS	1 467	1 300	161	28	44	89	6	-	26	98	930	390		
SECRETARIES, STENOGRAFERS, AND TYPISTS	574	389	130	19	34	77	42	13	47	80	320	121		
SECRETARIES	349	306	43	4	19	20	-	-	20	45	212	66		
RECEPTIONISTS	162	93	69	-	45	24	-	-	26	46	56	36		
FILE CLERKS	515	466	49	25	-	24	-	-	34	95	251	129		
FINANCIAL RECORDS PROCESSING OCCUPATIONS	2 030	1 717	148	71	24	53	159	6	87	236	1 150	509		
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	1 447	1 188	110	55	17	38	143	6	71	196	787	357		
TELEPHONE OPERATORS	387	376	11	5	-	6	-	-	13	33	283	35		
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	3 826	959	2 843	2 789	13	41	24	-	66	339	1 769	1 560		
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	7 161	6 810	351	113	65	173	-	-	213	1 009	3 975	1 840		
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	902	812	19	-	19	-	71	-	-	26	653	223		
BANK TELLERS	514	508	6	-	-	6	-	-	6	165	230	104		
DATA-ENTRY KEYERS	252	234	18	-	-	18	-	-	-	48	143	61		
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	12 860	10 715	1 817	494	392	931	262	66	416	1 629	7 131	3 446		
SERVICE OCCUPATIONS	48 649	33 583	12 797	788	1 987	10 022	2 174	95	3 429	11 964	21 048	11 009		
PRIVATE HOUSEHOLD OCCUPATIONS	188	188	-	-	-	-	-	-	37	56	64	24		
PROTECTIVE SERVICE OCCUPATIONS	11 687	3 483	8 046	386	666	6 994	158	-	243	1 288	4 738	5 150		
FIREFIGHTING OCCUPATIONS	1 836	43	1 793	68	95	1 630	-	-	-	50	238	1 504		
POLICE AND DETECTIVES, PUBLIC SERVICE	3 426	-	3 426	142	292	2 992	-	-	14	70	1 715	1 536		
GUARDS	4 002	3 097	747	140	127	480	158	-	202	1 142	1 555	1 021		
OTHER PROTECTIVE SERVICE OCCUPATIONS	2 423	343	2 080	36	152	1 892	-	-	27	26	1 230	1 089		
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	36 774	29 912	4 751	402	1 321	3 028	2 016	95	3 149	10 620	16 246	5 835		
FOOD PREPARATION AND SERVICE OCCUPATIONS	17 987	17 298	254	75	69	110	360	75	1 738	6 925	6 515	2 441		
WAITERS AND FOOD COUNTER WORKERS	3 269	3 189	14	-	-	14	58	8	360	1 766	822	237		
COOKS	6 970	6 636	103	22	38	43	186	45	650	2 376	2 642	1 159		
HEALTH SERVICE OCCUPATIONS	1 671	1 211	426	14	306	106	34	-	93	337	937	274		
NURSING AIDES, ORDERLIES, AND ATTENDANTS	1 242	817	391	9	288	94	34	-	49	215	767	181		
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	12 882	8 465	3 558	277	835	2 446	839	20	929	2 166	7 117	2 246		
PERSONAL SERVICE OCCUPATIONS	4 234	2 938	513	36	111	366	783	-	389	1 192	1 677	874		
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	1 478	778	25	14	6	5	675	-	21	153	705	583		
FARMING, FORESTRY, AND FISHING OCCUPATIONS	9 857	5 928	1 368	79	242	1 047	2 464	97	602	1 334	5 232	2 434		
FARM OPERATORS AND MANAGERS	820	347	-	-	-	-	473	-	6	57	279	466		
FARM OCCUPATIONS, EXCEPT MANAGERIAL	2 112	2 025	45	-	4	41	5	37	65	172	1 294	553		
RELATED AGRICULTURAL OCCUPATIONS	6 719	3 454	1 307	67	238	1 002	1 898	60	531	1 054	3 588	1 349		
FORESTRY AND FISHING OCCUPATIONS	206	102	16	12	-	4	88	-	-	51	71	68		
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	105 047	88 936	4 407	1 592	552	2 263	11 445	259	1 708	8 322	58 227	33 668		
MECHANICS AND REPAIRERS	28 222	23 834	1 657	666	138	853	2 646	85	448	1 592	15 514	10 016		
AUTOMOBILE MECHANICS, INCLUDING BODY	9 534	7 937	378	94	22	262	1 196	23	157	521	4 940	3 700		
AIRCRAFT MECHANICS	1 109	1 044	56	38	6	12	9	-	6	73	670	338		
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	1 077	830	96	18	14	64	151	-	30	116	703	223		
OTHER MECHANICS AND REPAIRERS	16 502	14 023	1 127	516	96	515	1 290	62	255	882	9 201	5 755		
CONSTRUCTION TRADES	39 699	31 059	1 392	404	250	738	7 140	108	923	5 069	23 498	8 783		
CARPENTERS	9 265	7 593	171	54	26	91	1 476	25	220	1 365	5 869	1 411		
ELECTRICIANS	3 832	3 219	332	131	40	161	281	-	53	392	2 281	960		
PAINTERS, CONSTRUCTION AND MAINTENANCE	3 905	2 428	231	29	59	143	1 220	26	248	631	2 250	590		
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	3 454	2 871	243	87	30	126	340	-	50	491	2 172	655		
OTHER CONSTRUCTION TRADES	19 243	14 948	415	103	95	217	3 823	57	352	2 190	10 926	5 167		
EXTRACTIVE OCCUPATIONS	661	636	18	7	11	7	-	-	15	317	311			
PRECISION PRODUCTION OCCUPATIONS	36 365	33 407	1 340	522	157	661	1 652	66	337	1 646	18 898	14 558		
SUPERVISORS, PRODUCTION OCCUPATIONS	15 318	14 386	526	163	59	304	386	20	50	385	7 800	6 805		
MANUFACTURING	11 428	11 040	151	111	15	25	227	10	31	210	5 776	5 210		
PRECISION METALWORKING OCCUPATIONS	10 948	10 178	320	256	13	51	410	40	121	435	5 328	4 648		
TOOL AND DIE MAKERS	1 701	1 645	13	13	-	-	43	-	25	57	674	912		
MACHINISTS	6 977	6 517	165	128	6	31	260	35	84	262	3 223	3 141		
SHEET METAL WORKERS	1 104	1 020	70	43	7	20	14	-	84	730	251			
OTHER PRECISION METAL WORKERS	1 166	996	72	72	-	-	93	5	12	52	701	344		
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	1 015	787	6	-	-	6	216	6	4	72	604	303		
PLANT AND SYSTEM OPERATORS	1 925	1 532	343	29	72	242	50	-	10	91	1 188	530		
OTHER PRECISION PRODUCTION OCCUPATIONS	7 259	6 524	145	74	13	58	590	-	152	643	3 978	2 272		

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

(DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B)

ANAHEIM-SANTA ANA-GARDEN GROVE, CA SMSA

	PRIV. WAGE AND SALARY TOTAL WORKERS	EMPLOYED PERSONS				PERSONS AT WORK						
		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS		
		TOTAL	FEDERAL	STATE			LOCAL					
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	93 670	86 109	3 966	1 101	520	2 345	3 501	94	2 746	12 299	49 318	26 419
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	41 786	39 167	1 319	577	235	507	1 272	28	683	3 038	24 849	12 026
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	26 148	24 441	798	289	168	341	891	18	362	1 799	15 352	7 867
METALWORKING AND PLASTIC WORKING	4 778	4 592	86	38	37	11	94	6	73	263	2 378	1 931
MACHINE OPERATORS	3 077	2 807	104	20	28	56	166	-	42	180	1 852	949
PRINTING MACHINE OPERATORS	225	210	-	-	-	-	15	-	-	-	180	26
TEXTILE, APPAREL, AND FURNISHINGS	1 269	1 033	32	7	7	18	195	9	39	145	714	311
MACHINE OPERATORS	322	316	6	-	-	6	-	-	60	216	35	
TEXTILE SEWING MACHINE OPERATORS	225	210	-	-	-	-	-	-	-	-	180	
LAUNDERING AND DRYCLEANING	569	364	19	-	7	12	177	9	30	74	234	201
MACHINE OPERATORS	7 346	6 830	283	101	64	118	230	3	116	636	4 422	1 958
OTHER SPECIFIED MACHINE OPERATORS	9 678	9 179	293	123	32	138	206	-	92	575	5 986	2 718
MISCELLANEOUS AND NOT SPECIFIED	2 817	2 685	50	23	-	27	82	-	48	137	1 645	923
MACHINE OPERATORS, N.E.C.	6 861	6 494	243	100	32	111	124	-	44	438	4 341	1 795
INDUSTRY:												
MANUFACTURING	8 419	8 149	149	103	14	32	121	-	72	394	5 233	2 469
NONDURABLE GOODS	2 684	2 644	20	11	-	9	20	-	28	184	1 699	673
FOOD AND KINDRED PRODUCTS	426	412	-	-	-	-	14	-	2	19	239	150
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	140	134	6	6	-	-	-	-	-	34	72	34
PAPER AND ALLIED PRODUCTS	502	497	5	5	-	-	-	-	9	22	328	131
OTHER NONDURABLE GOODS	1 616	1 601	9	-	-	9	6	-	17	109	1 060	358
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	5 735	5 505	129	92	14	23	101	-	44	210	3 534	1 796
METAL INDUSTRIES	1 163	1 124	39	13	7	19	-	-	-	31	646	1 461
MACHINERY, INCLUDING ELECTRICAL	2 157	2 112	14	14	-	-	31	-	36	106	1 283	664
TRANSPORTATION EQUIPMENT	1 070	1 000	64	53	7	4	6	-	8	37	667	338
OTHER DURABLE GOODS	1 345	1 269	12	12	-	-	64	-	-	36	938	333
NONMANUFACTURING INDUSTRIES	1 259	1 030	144	20	18	106	85	-	20	181	753	249
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	161	112	49	7	10	32	-	-	-	11	91	28
WHOLESALE AND RETAIL TRADE	466	427	-	-	-	-	39	-	-	67	259	126
ALL OTHER INDUSTRIES	632	491	95	13	8	74	46	-	20	103	403	95
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	12 103	11 323	403	209	56	138	367	10	258	1 056	7 503	2 949
WELDERS AND CUTTERS	3 451	3 050	209	118	30	61	188	4	43	200	2 248	857
ASSEMBLERS	7 847	7 580	175	79	26	70	86	6	200	685	4 830	1 926
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	805	693	19	12	-	7	93	-	15	171	425	166
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	3 535	3 403	118	79	11	28	14	-	63	183	1 994	1 210
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	25 583	22 419	1 512	202	192	1 118	1 626	26	560	2 676	11 464	9 990
MOTOR VEHICLE OPERATORS	19 099	16 556	1 148	134	145	869	1 375	20	460	2 045	7 957	8 024
TRUCK DRIVERS AND DRIVER-SALES WORKERS	16 270	14 443	500	117	75	308	1 307	20	282	1 552	6 942	6 964
BUS DRIVERS	1 213	679	528	6	54	468	6	-	69	180	460	474
RAIL AND WATER TRANSPORTATION OCCUPATIONS	822	744	56	20	6	30	22	-	21	96	302	344
MATERIAL MOVING EQUIPMENT OPERATORS	5 662	5 119	308	48	41	219	229	6	79	535	3 205	1 622
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	369	254	37	-	7	30	72	6	19	73	187	82
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	26 301	24 523	1 135	322	93	720	603	40	1 503	6 585	13 005	4 403
CONSTRUCTION LABORERS	5 597	5 242	347	7	34	306	-	8	196	1 004	3 262	871
FREIGHT, STOCK, AND MATERIAL HANDLERS	8 016	7 755	210	83	-	127	43	8	671	3 297	2 837	1 031
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	2 108	1 988	56	14	-	42	51	13	151	649	763	515
HAND PACKERS AND PACKAGERS	1 091	1 026	38	10	4	24	21	6	44	83	739	184
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	2 252	2 089	64	8	24	32	99	-	127	434	1 204	431
LABORERS, EXCEPT CONSTRUCTION	7 237	6 423	420	200	31	189	389	5	314	1 118	4 200	1 371
MANUFACTURING	2 376	2 318	31	31	-	-	27	-	72	288	1 501	438
NONDURABLE GOODS, INCLUDING NOT SPECIFIED MFG	912	894	-	-	-	-	18	-	39	90	623	133
METAL INDUSTRIES	1 464	1 424	31	31	-	-	9	-	33	198	878	305
NONMANUFACTURING INDUSTRIES	4 861	4 105	389	169	31	189	362	5	242	830	2 699	933
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	699	570	105	22	-	83	24	-	29	105	337	208
WHOLESALE AND RETAIL TRADE	2 790	2 708	27	11	-	16	50	5	112	496	1 534	546
ALL OTHER INDUSTRIES	1 372	827	257	136	31	90	288	-	101	229	828	179

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B1

ANAHEIM-SANTA ANA-GARDEN GROVE, CA SMSA

	TOTAL	PRIV. WAGE AND SALARY WORKERS	EMPLOYED PERSONS						PERSONS AT WORK				
			GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS		15 TO 34 HOURS		35 TO 60 HOURS	
			TOTAL	FEDERAL	STATE			LOCAL					
FEMALES 16 YEARS AND OVER													
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	412 296	329 535	61 617	6 705	15 406	39 506	17 481	3 663	23 991	96 808	221 599	57 259	
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	99 909	63 801	29 094	1 561	7 369	20 164	6 307	707	5 245	16 618	56 037	19 293	
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	45 229	37 472	4 477	880	1 337	2 260	2 687	593	977	4 645	27 882	10 767	
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	346	-	346	85	65	196	-	-	7	36	228	62	
MANAGERS, MEDICINE AND HEALTH	1 305	423	821	31	326	464	53	8	75	180	681	334	
OTHER SPECIFIED MANAGERS	495	352	131	8	58	65	12	-	-	39	310	127	
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	7 438	6 802	223	88	32	103	315	98	193	704	4 444	1 908	
MANUFACTURING, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	18 529	17 291	1 238	211	398	629	-	-	350	1 891	11 252	4 648	
TRANSPORTATION, COMMUNICATIONS, AND WHOLESALE AND RETAIL TRADE	2 920	2 897	23	13	-	10	-	-	26	214	1 871	773	
ALL OTHER INDUSTRIES	858	838	20	15	-	5	-	-	15	56	541	230	
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	9 726	8 559	1 167	168	398	601	-	-	253	1 112	6 112	2 053	
CONSTRUCTION	2 090	-	-	-	-	-	1 676	414	109	430	663	866	
MANUFACTURING	56	-	-	-	-	-	28	28	-	26	18	12	
WHOLESALE AND RETAIL TRADE	250	-	-	-	-	-	220	30	14	59	88	89	
ALL OTHER INDUSTRIES	904	-	-	-	-	-	746	158	43	131	281	439	
MANAGEMENT RELATED OCCUPATIONS	880	-	-	-	-	-	682	198	52	214	276	326	
ACCOUNTANTS AND AUDITORS	15 026	12 604	1 718	457	458	803	631	73	243	1 365	10 304	2 822	
BUYERS AND PURCHASING AGENTS	6 015	5 053	645	172	129	344	278	39	103	538	4 046	1 201	
PROFESSIONAL SPECIALTY OCCUPATIONS	2 284	2 095	114	50	16	48	63	12	20	212	1 654	376	
ENGINEERS, ARCHITECTS, AND SURVEYORS	54 680	26 329	24 617	681	6 032	17 904	3 620	114	4 268	11 973	28 155	8 526	
ARCHITECTS	1 476	1 371	62	21	23	18	43	-	36	61	984	346	
ENGINEERS	116	73	-	-	-	-	43	-	23	14	47	27	
ELECTRICAL AND ELECTRONIC ENGINEERS	1 352	1 290	62	21	23	18	-	-	13	47	929	319	
MECHANICAL ENGINEERS	232	232	-	-	-	-	-	-	7	6	159	53	
OTHER ENGINEERS	78	78	-	-	-	-	-	-	-	-	59	19	
SURVEYORS AND MAPPING SCIENTISTS	1 042	980	62	21	23	18	-	-	6	41	711	247	
MATHEMATICAL AND COMPUTER SCIENTISTS	8	8	-	-	-	-	-	-	-	-	8	-	
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	1 255	1 089	119	41	28	50	47	-	25	53	897	235	
NATURAL SCIENTISTS	824	721	56	36	5	15	47	-	14	12	572	186	
HEALTH DIAGNOSING OCCUPATIONS	642	471	129	24	56	49	42	-	23	136	354	99	
PHYSICIANS	721	408	169	10	115	44	144	-	11	167	277	247	
DENTISTS	521	272	163	10	115	38	86	-	11	99	221	180	
OTHER HEALTH DIAGNOSING PRACTITIONERS	88	60	6	-	-	6	22	-	-	43	27	18	
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	112	76	-	-	-	-	36	-	-	25	29	49	
REGISTERED NURSES	13 551	10 474	2 736	318	1 091	1 327	325	16	487	3 300	7 151	2 081	
PHARMACISTS	11 237	9 043	1 971	254	832	885	207	16	388	2 871	5 841	1 694	
THERAPISTS	276	234	31	-	26	5	11	-	11	35	187	29	
TEACHERS, LIBRARIANS, AND COUNSELORS	1 477	812	607	54	161	392	58	-	83	290	816	233	
TEACHERS, POSTSECONDARY	26 069	5 782	19 479	166	4 350	14 963	763	45	2 641	5 543	13 536	3 538	
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	2 071	355	1 716	18	851	847	-	524	598	627	261		
TEACHERS, SECONDARY	16 153	3 507	12 595	66	2 234	10 295	51	-	1 053	3 266	9 125	2 169	
SOCIAL SCIENTISTS AND URBAN PLANNERS	3 703	3 450	3 253	19	656	2 578	-	-	270	616	2 026	688	
SOCIAL AND RECREATION WORKERS	1 065	605	322	12	65	245	138	-	64	199	605	189	
RELIGIOUS WORKERS	1 708	653	992	47	109	836	55	8	72	349	994	240	
LAWYERS AND JUDGES	548	432	-	-	-	-	116	-	101	106	167	169	
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	660	325	134	20	24	90	201	-	17	82	374	181	
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	6 985	4 719	475	22	171	282	1 746	45	791	1 977	2 816	1 201	
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	201 298	170 518	21 652	4 192	5 282	12 178	6 672	2 456	10 455	46 767	114 043	24 511	
HEALTH TECHNOLOGISTS AND TECHNICIANS	11 166	9 233	1 692	247	738	707	235	6	390	2 139	6 488	1 721	
LICENSED PRACTICAL NURSES	5 473	4 642	705	119	403	183	126	-	227	1 507	2 802	663	
ENGINEERING AND SCIENCE TECHNICIANS	2 369	2 025	231	34	139	58	113	-	90	647	1 254	246	
ELECTRICAL AND ELECTRONIC TECHNICIANS	2 833	2 487	307	39	137	131	39	-	96	304	1 826	517	
DRAFTING AND SURVEYING TECHNICIANS	715	686	15	8	7	-	14	-	17	39	465	158	
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	835	751	59	5	6	48	25	-	36	104	523	143	
AIRPLANE PILOTS AND NAVIGATORS	2 860	2 104	680	89	198	393	70	6	67	328	1 860	541	
COMPUTER PROGRAMMERS	1 328	1 205	80	11	8	61	43	-	12	132	903	247	
SALES OCCUPATIONS	54 548	48 613	643	314	161	168	4 648	644	4 867	20 040	21 251	6 779	
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	4 351	3 053	26	20	-	6	1 203	69	127	611	2 203	1 355	
SELF-EMPLOYED	1 272	-	-	-	-	-	1 203	69	90	307	364	504	
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	11 313	9 444	29	16	-	13	1 724	116	572	2 141	5 655	2 505	
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	3 789	3 522	6	6	-	-	234	27	104	534	2 257	835	
SALES WORKERS, RETAIL AND PERSONAL SERVICES	34 789	32 308	582	272	161	149	1 479	420	3 979	16 637	11 076	2 051	
CASHIERS	12 057	11 432	402	142	149	111	102	121	1 025	6 059	3 813	665	
SALES RELATED OCCUPATIONS	306	286	-	-	-	-	8	12	85	117	60	331	

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

ANAHEIM-SANTA ANA-

GARDEN GROVE, CA SMSA

	EMPLOYED PERSONS										PERSONS AT WORK				
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			LOCAL	SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				15 TO 34 HOURS			
		TOTAL	FEDERAL	STATE				15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS					
TOTAL															
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	135 584	112 672	19 317	3 631	4 383	11 303	1 789	1 806	5 198	24 588	86 304	16 011			
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	5 566	4 818	675	214	163	298	38	35	48	370	3 731	1 297			
COMPUTER EQUIPMENT OPERATORS	2 480	2 246	221	39	49	133	13	-	51	292	1 603	454			
SECRETARIES, STENOGRAPHERS, AND TYPISTS	43 605	35 539	6 754	654	1 489	4 611	617	695	1 594	6 926	29 730	4 260			
SECRETARIES	36 854	31 375	4 484	406	1 106	2 972	352	643	1 179	5 590	25 418	3 764			
RECEPTIONISTS	6 670	5 913	603	88	228	287	33	121	297	1 627	4 070	594			
FILE CLERKS	2 413	2 153	253	46	89	118	7	-	209	470	1 444	224			
FINANCIAL RECORDS PROCESSING OCCUPATIONS	20 129	17 893	933	131	291	511	676	627	950	4 177	12 189	2 437			
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	16 677	14 741	663	86	167	410	656	617	908	3 680	9 799	1 983			
TELEPHONE OPERATORS	3 055	2 907	148	23	39	86	-	-	56	563	2 030	229			
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	2 095	914	1 162	1 122	12	28	7	12	119	331	993	634			
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	4 085	3 818	238	132	38	68	16	13	82	566	2 570	715			
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	1 388	1 340	48	12	36	-	-	-	13	144	1 053	157			
BANK TELLERS	4 850	4 722	128	75	38	15	-	-	81	1 166	3 007	471			
DATA-ENTRY KEYERS	3 570	3 161	364	111	60	193	45	-	47	490	2 276	645			
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	35 678	27 248	7 790	984	1 851	4 955	337	303	1 651	7 466	21 608	3 894			
SERVICE OCCUPATIONS	58 912	46 873	8 854	516	2 341	5 997	2 968	217	6 652	26 105	19 342	4 778			
PRIVATE HOUSEHOLD OCCUPATIONS	3 543	3 543	-	-	-	-	-	-	769	1 089	1 155	400			
PROTECTIVE SERVICE OCCUPATIONS	1 399	501	880	27	46	807	11	7	103	396	633	226			
FIREFIGHTING OCCUPATIONS	9	-	9	-	-	9	-	-	-	-	-	9			
POLICE AND DETECTIVES, PUBLIC SERVICE	331	-	331	-	11	320	-	-	9	43	196	83			
GUARDS	893	459	416	27	22	367	11	7	87	347	334	95			
OTHER PROTECTIVE SERVICE OCCUPATIONS	166	42	124	-	13	111	-	-	7	6	103	39			
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	53 970	42 829	7 974	489	2 295	5 190	2 957	210	5 780	24 620	17 554	4 152			
FOOD PREPARATION AND SERVICE OCCUPATIONS	24 283	22 166	1 749	126	431	1 192	248	120	2 721	13 452	6 122	1 280			
WAITERS AND FOOD COUNTER WORKERS	15 607	15 342	129	16	36	77	104	32	1 797	9 350	3 440	584			
COOKS	2 934	2 355	473	40	120	313	72	34	289	1 210	1 041	314			
HEALTH SERVICE OCCUPATIONS	9 759	8 305	1 380	134	783	463	52	22	552	2 652	5 184	1 019			
NURSING AIDS, ORDERLIES, AND ATTENDANTS	5 574	4 362	1 156	79	709	368	52	4	335	1 546	2 828	613			
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	4 164	3 462	391	43	153	283	28	28	488	1 188	1 976	297			
PERSONAL SERVICE OCCUPATIONS	15 754	8 896	4 454	186	928	3 340	2 374	40	2 039	7 328	4 272	1 556			
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	4 786	3 501	16	-	16	1	239	30	183	1 892	1 984	631			
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 809	1 353	105	46	6	53	277	74	179	360	857	318			
FARM OPERATORS AND MANAGERS	168	58	-	-	-	-	110	18	18	84	48				
FARM OCCUPATIONS, EXCEPT MANAGERIAL	679	588	18	12	6	-	13	60	42	116	368	96			
RELATED AGRICULTURAL OCCUPATIONS	928	688	82	34	-	48	144	14	119	226	371	174			
FORESTRY AND FISHING OCCUPATIONS	34	19	5	-	-	5	10	-	-	-	34	-			
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	12 831	11 700	360	106	72	182	729	42	322	1 430	7 953	2 657			
MECHANICS AND REPAIRERS	1 240	1 130	52	-	26	26	42	16	33	117	743	312			
AUTOMOBILE MECHANICS, INCLUDING BODY	65	35	11	-	11	-	19	-	-	3	62	-			
AIRCRAFT MECHANICS	44	44	-	-	-	-	-	-	-	-	31	8			
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	5	5	-	-	-	-	-	-	-	-	-	-			
OTHER MECHANICS AND REPAIRERS	1 126	1 046	41	-	15	26	23	16	33	114	645	304			
CONSTRUCTION TRADES	765	578	33	5	16	12	154	-	36	96	472	125			
CARPENTERS	154	112	5	5	-	37	-	-	5	18	113	12			
ELECTRICIANS	100	84	16	-	16	-	-	-	-	16	64	10			
PAINTERS, CONSTRUCTION AND MAINTENANCE	168	94	-	-	-	-	74	-	11	38	91	16			
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	49	49	-	-	-	-	-	-	-	-	46	3			
OTHER CONSTRUCTION TRADES	294	239	12	-	-	12	43	-	20	24	158	84			
EXTRACTIVE OCCUPATIONS	39	33	6	6	-	-	-	-	-	-	34	5			
PRECISION PRODUCTION OCCUPATIONS	10 787	9 959	269	95	30	144	533	26	253	1 217	6 704	2 215			
SUPERVISORS, PRODUCTION OCCUPATIONS	3 425	3 244	71	11	17	43	102	8	42	264	2 051	961			
MANUFACTURING	2 440	2 374	19	11	8	-	39	8	26	147	1 437	747			
PRECISION METALWORKING OCCUPATIONS	785	740	10	3	-	7	23	12	7	62	497	186			
TOOL AND DIE MAKERS	31	31	-	-	-	-	-	-	-	-	26	5			
MACHINISTS	346	320	7	-	-	7	7	12	-	19	234	79			
SHEET METAL WORKERS	6	6	-	-	-	-	-	-	-	-	6	-			
OTHER PRECISION METAL WORKERS	402	383	3	3	-	-	16	-	7	43	231	102			
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	1 154	792	18	12	6	-	344	-	61	351	541	146			
PLANT AND SYSTEM OPERATORS	114	107	7	-	-	7	-	-	-	6	73	29			
OTHER PRECISION PRODUCTION OCCUPATIONS	5 309	5 076	163	69	7	87	64	6	143	534	3 542	893			

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

ANAHEIM-SANTA ANA-GARDEN GROVE, CA SMSA

	PRIV. WAGE AND SALARY TOTAL WORKERS	EMPLOYED PERSONS			PERSONS AT WORK							
		GOVERNMENT WORKERS			SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS			41+ HOURS		
		TOTAL	FEDERAL	STATE			15 TO 34 HOURS	35 TO 40 HOURS	35 TO 40 HOURS			
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	37 537	35 290	1 552	284	336	932	528	167	1 138	5 528	23 367	5 702
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	28 407	27 216	769	199	234	336	356	66	671	2 813	18 944	4 547
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	12 084	11 558	268	73	106	89	210	48	360	1 620	7 712	1 782
METALWORKING AND PLASTIC WORKING												
MACHINE OPERATORS	827	821	6	-	6	-	-	-	6	70	452	275
PRINTING MACHINE OPERATORS	1 022	892	58	-	33	25	50	22	39	196	555	187
TEXTILE APPAREL AND FURNISHINGS	2 472	2 335	36	11	12	13	90	11	77	487	1 585	208
MACHINE OPERATORS	190	183	-	-	-	-	7	-	-	32	118	40
TEXTILE SEWING MACHINE OPERATORS	1 572	1 487	-	-	-	-	74	11	33	316	1 038	103
LAUNDERING AND DRYCLEANING												
MACHINE OPERATORS	429	384	36	11	12	13	9	-	38	74	267	38
OTHER SPECIFIED MACHINE OPERATORS	2 402	2 304	57	14	17	26	41	-	102	348	1 516	299
MISCELLANEOUS AND NOT SPECIFIED	5 361	5 206	111	48	38	25	29	15	136	519	3 604	813
OCCUPATION: MISCELLANEOUS MACHINE OPERATORS, N.E.C.	1 706	1 626	51	6	32	13	29	-	66	199	1 128	275
MACHINE OPERATORS, NOT SPECIFIED	3 655	3 580	60	42	6	12	-	15	70	320	2 476	538
INDUSTRY: MANUFACTURING	4 811	4 721	70	35	23	12	5	15	119	445	3 226	757
NONDURABLE GOODS	1 635	1 635	70	35	23	12	-	-	68	183	1 094	154
FOOD AND KINDRED PRODUCTS	175	-	-	-	-	-	-	-	12	6	106	23
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	146	146	-	-	-	-	-	-	-	25	103	5
PAPER AND ALLIED PRODUCTS	181	181	-	-	-	-	-	-	-	8	116	29
OTHER NONDURABLE GOODS	1 133	1 133	-	-	-	-	-	-	56	144	769	97
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	3 176	3 086	70	35	23	12	5	15	51	262	2 132	603
METAL INDUSTRIES	503	491	12	12	-	-	-	-	-	45	289	143
MACHINERY, INCLUDING ELECTRICAL	1 430	1 385	34	16	6	12	5	6	20	129	963	249
TRANSPORTATION EQUIPMENT	272	265	7	7	-	-	-	-	-	7	183	76
OTHER DURABLE GOODS	971	945	17	-	17	-	-	9	31	81	697	135
NONMANUFACTURING INDUSTRIES	550	485	41	13	15	13	24	-	17	74	378	56
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	45	32	13	7	-	6	-	-	-	-	39	6
WHOLESALE AND RETAIL TRADE	233	214	6	-	6	-	13	-	6	36	170	16
ALL OTHER INDUSTRIES	272	239	22	6	9	7	11	-	11	38	169	34
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	12 041	11 513	382	81	102	199	128	18	254	922	8 541	1 699
WELDERS AND CUTTERS	285	274	-	-	-	-	11	-	7	20	185	53
ASSEMBLERS	11 008	10 531	372	75	102	195	87	18	237	809	7 859	1 537
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	748	708	10	6	-	4	30	-	10	93	497	109
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	4 282	4 145	119	45	26	48	18	-	57	271	2 691	1 066
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	2 480	1 750	622	40	63	519	85	23	104	651	1 163	461
MOTOR VEHICLE OPERATORS	2 224	1 511	616	40	63	513	74	23	89	634	988	417
TRUCK DRIVERS AND DRIVER-SALES WORKERS	1 018	906	34	19	8	7	61	17	55	275	416	212
BUS DRIVERS	861	298	557	14	49	494	6	-	5	265	408	158
RAIL AND WATER TRANSPORTATION OCCUPATIONS	26	21	-	-	-	-	5	-	10	-	11	5
MATERIAL MOVING EQUIPMENT OPERATORS	230	218	6	-	-	6	6	-	5	17	164	39
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	6	-	6	-	-	6	-	-	-	-	6	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	6 650	6 324	161	45	39	77	87	78	363	2 064	3 260	694
CONSTRUCTION LABORERS	135	94	16	-	-	16	-	25	-	21	54	44
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 969	1 924	31	18	-	13	6	8	197	1 199	453	77
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	133	122	-	-	-	-	-	11	5	49	38	35
HAND PACKERS AND PACKAGERS	2 633	2 558	48	22	-	26	16	11	50	427	1 644	348
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	260	230	12	-	12	-	11	7	28	89	105	29
LABORERS, EXCEPT CONSTRUCTION	1 520	1 396	54	5	27	22	54	16	83	279	966	161
MANUFACTURING	554	543	5	-	-	5	6	-	9	55	418	52
NONDURABLE GOODS	243	238	5	-	-	5	-	-	9	36	169	22
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	311	305	-	-	-	-	6	-	-	19	249	30
METAL INDUSTRIES	47	47	-	-	-	-	-	-	-	-	34	13
NONMANUFACTURING INDUSTRIES	966	853	49	5	27	17	48	16	74	224	548	109
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	85	69	5	-	-	5	6	5	-	37	33	15
WHOLESALE AND RETAIL TRADE	527	512	5	-	-	5	6	4	22	102	331	61
ALL OTHER INDUSTRIES	354	272	39	5	27	7	36	7	52	85	184	33

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B.

ANAHEIM-SANTA ANA-
GARDEN GROVE, CA SMSA

	EMPLOYED PERSONS								PERSONS AT WORK							
	PRIV. WAGE AND SALARY TOTAL	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS			15 TO 34 HOURS			35 TO 40 HOURS			41+ HOURS
		TOTAL	FEDERAL	STATE			LOCAL									
WHITE																
MALES 16 YEARS AND OVER	496 693	399 107	49 976	9 950	9 867	30 159	46 732	878	13 444	51 700	246 496	174 779				
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	166 882	125 459	23 036	2 860	5 939	14 237	18 137	250	2 850	9 066	81 542	71 355				
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	96 905	80 247	7 219	1 694	1 374	4 151	9 214	225	1 104	3 726	44 213	46 796				
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	1 147	-	1 147	248	167	732	-	-	13	25	664	424				
MANAGEMENT RELATED OCCUPATIONS	17 913	13 268	2 201	919	320	962	2 423	21	265	1 000	9 610	6 827				
PROFESSIONAL SPECIALTY OCCUPATIONS	69 977	45 212	15 817	1 166	4 565	10 086	8 923	25	1 746	5 340	37 329	24 559				
ENGINEERS AND NATURAL SCIENTISTS	31 494	28 314	1 753	656	444	653	1 427	-	169	1 094	20 653	9 193				
ENGINEERS	25 070	23 241	1 074	473	181	420	755	-	103	790	16 746	7 113				
HEALTH DIAGNOSING OCCUPATIONS	5 586	3 022	518	191	206	121	2 046	-	120	585	1 630	3 142				
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	1 972	1 453	379	73	93	213	140	-	53	179	918	812				
TEACHERS, LIBRARIANS, AND COUNSELORS	13 030	1 908	10 894	83	3 383	7 428	228	-	669	1 379	6 565	4 223				
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	7 873	573	7 300	15	1 360	5 925	-	-	192	583	4 317	2 652				
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	112 836	94 018	7 504	4 214	1 135	2 155	11 115	199	3 131	12 326	55 728	39 641				
HEALTH TECHNOLOGISTS AND TECHNICIANS	1 349	1 121	210	32	108	70	-	-	6	125	694	461				
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	17 190	15 001	1 621	693	340	588	559	9	401	1 514	10 076	4 781				
SALES OCCUPATIONS	62 605	52 257	323	131	50	142	9 921	104	1 870	7 233	27 552	25 001				
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	10 359	7 583	56	24	13	19	2 705	15	97	412	3 506	6 172				
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	32 762	27 093	160	55	23	82	5 485	24	634	2 058	16 681	12 945				
OTHER SALES OCCUPATIONS	19 484	17 581	107	52	14	41	1 731	65	1 139	4 763	7 365	5 884				
CASHIERS	2 819	2 703	69	41	-	28	47	-	308	1 130	858	430				
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	31 692	25 639	5 350	3 338	637	1 355	617	86	854	3 454	17 406	9 398				
COMPUTER EQUIPMENT OPERATORS	1 208	1 089	113	13	34	66	6	-	26	79	754	326				
SECRETARIES, STENOGRAPHERS, AND TYPISTS	506	346	112	19	26	67	42	6	47	66	283	104				
FINANCIAL RECORDS PROCESSING OCCUPATIONS	1 766	1 467	134	63	24	47	159	6	87	212	1 000	438				
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	3 420	902	2 494	2 452	7	35	24	-	60	320	1 512	1 440				
SERVICE OCCUPATIONS	40 920	27 396	11 559	659	1 703	9 197	1 905	60	3 069	10 683	16 770	9 451				
PRIVATE HOUSEHOLD OCCUPATIONS	144	144	-	-	-	-	-	-	28	45	42	22				
PROTECTIVE SERVICE OCCUPATIONS	11 028	3 206	7 664	358	613	6 693	158	-	233	1 204	4 421	4 912				
POLICE AND FIREFIGHTERS	5 023	37	4 986	198	355	4 433	-	-	14	116	1 849	2 909				
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	29 748	24 046	3 895	301	1 090	2 504	1 747	60	2 808	9 434	12 307	4 517				
FOOD SERVICE OCCUPATIONS	14 182	13 690	164	33	56	75	280	48	1 565	6 204	4 440	1 698				
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	10 409	6 710	2 979	232	685	2 062	708	12	830	1 850	5 619	1 814				
FARMING, FORESTRY, AND FISHING OCCUPATIONS	6 644	3 926	989	50	200	739	1 704	25	526	1 088	3 322	1 568				
FARM OPERATORS AND MANAGERS	550	212	-	-	-	-	-	-	52	52	202	282				
FARM WORKERS AND RELATED OCCUPATIONS	5 916	3 634	973	38	200	735	1 284	25	526	994	3 062	1 224				
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	93 354	78 635	3 813	1 317	480	2 016	10 652	254	1 430	7 722	50 916	30 571				
MECHANICS AND REPAIRERS	25 209	21 252	1 433	554	121	758	2 439	85	362	1 484	13 693	9 095				
CONSTRUCTION TRADES	36 015	27 964	1 238	352	204	682	6 705	108	835	4 721	21 132	8 104				
PRECISION PRODUCTION OCCUPATIONS	31 490	28 804	1 124	411	148	565	1 501	61	233	1 502	15 788	13 068				
OPERATORS, FABRICATORS, AND LABORERS	76 057	69 673	3 075	850	410	1 815	3 219	90	2 438	10 815	38 218	22 193				
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	20 128	18 675	620	206	137	277	815	18	289	1 551	11 379	6 287				
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	11 935	11 191	377	233	38	106	361	6	265	1 061	6 956	3 334				
TRANSPORTATION OCCUPATIONS	17 921	15 614	1 008	128	134	746	1 279	20	454	1 998	7 261	7 594				
MOTOR VEHICLE OPERATORS	17 135	14 906	952	108	128	716	1 257	20	433	1 914	6 979	7 254				
MATERIAL MOVING EQUIPMENT OPERATORS	4 737	4 272	261	48	36	177	198	6	79	493	2 612	1 361				
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	21 336	19 921	809	235	65	509	566	40	1 351	5 712	10 010	3 615				
CONSTRUCTION LABORERS	4 218	4 006	204	7	24	173	-	8	176	842	2 320	694				
FREIGHT, STOCK, AND MATERIAL HANDLERS	6 830	6 635	144	50	-	94	43	8	595	2 889	2 321	875				

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B1

ANAHEIM-SANTA ANA-GARDEN GROVE, CA SMSA

	PRIV. WAGE AND SALARY WORKERS	EMPLOYED PERSONS						PERSONS AT WORK				
		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				41+ HOURS	
		TOTAL	FEDERAL	STATE			LOCAL	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS		
WHITE												
FEMALES 16 YEARS AND OVER	366 917	293 387	54 181	5 543	13 402	35 236	16 078	3 271	21 674	88 655	193 887	51 647
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	92 265	59 183	26 627	1 348	6 554	18 725	5 822	633	4 857	15 448	51 491	18 018
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	42 026	35 175	3 947	748	1 176	2 023	2 378	526	863	4 310	25 895	10 070
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	333	333	77	65	191	-	-	-	7	23	228	62
MANAGEMENT RELATED OCCUPATIONS	13 779	11 676	1 443	390	372	681	593	67	219	1 261	9 379	2 669
PROFESSIONAL SPECIALTY OCCUPATIONS	50 239	24 008	22 680	600	5 378	16 702	3 444	107	3 994	11 138	25 596	7 948
ENGINEERS AND NATURAL SCIENTISTS	2 920	2 528	269	80	102	87	123	-	84	238	1 870	609
ENGINEERS	1 211	1 160	51	21	18	12	-	-	13	35	830	289
HEALTH DIAGNOSING OCCUPATIONS	533	295	121	10	73	38	117	-	11	129	192	187
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	12 193	9 458	2 425	275	991	1 159	294	16	457	3 037	6 275	1 955
TEACHERS, LIBRARIANS, AND COUNSELORS	24 390	5 408	18 221	138	3 924	14 159	723	38	2 456	5 141	12 732	3 341
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	18 593	3 689	14 853	67	2 630	12 156	51	-	1 227	3 569	10 509	2 708
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	184 011	156 866	18 714	3 537	4 612	10 565	6 216	2 235	9 517	43 411	103 349	22 741
HEALTH TECHNOLOGISTS AND TECHNICIANS	4 692	4 054	523	112	292	119	115	-	199	1 375	2 285	581
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	4 840	3 859	866	104	286	476	109	6	122	589	3 041	959
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	50 747	45 384	562	236	161	165	4 269	532	4 479	18 681	19 745	6 308
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	3 991	2 844	20	14	-	6	1 069	58	115	570	2 027	1 224
OTHER SALES OCCUPATIONS	14 273	12 227	35	22	-	13	1 888	123	657	2 518	7 423	3 189
CASHIERS	32 483	30 313	507	200	161	146	1 312	331	3 707	15 593	10 295	1 895
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	10 835	10 382	344	87	149	108	46	63	909	5 497	3 415	553
COMPUTER EQUIPMENT OPERATORS	123 732	103 549	16 763	3 085	3 873	9 805	1 723	1 697	4 717	22 766	78 278	14 893
SECRETARIES, STENOGRAPHERS, AND TYPISTS	2 195	1 978	204	30	41	133	-	-	51	258	1 412	425
FINANCIAL RECORDS PROCESSING OCCUPATIONS	40 570	33 399	5 892	549	1 384	3 959	604	675	1 465	6 508	27 554	4 064
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	18 460	16 392	839	119	250	470	651	578	900	3 899	11 030	2 282
1 826	797	1 010	977	12	21	7	12	82	299	859	568	
SERVICE OCCUPATIONS	51 841	41 621	7 387	364	1 969	5 054	2 674	159	5 975	23 664	16 232	4 206
PRIVATE HOUSEHOLD OCCUPATIONS	2 665	2 665	-	-	-	-	-	-	652	876	738	311
PROTECTIVE SERVICE OCCUPATIONS	1 229	435	783	27	27	729	11	-	94	391	498	205
POLICE AND FIREFIGHTERS	281	-	281	-	11	270	-	-	-	43	146	92
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD OCCUPATIONS	47 947	38 521	6 604	337	1 942	4 325	2 663	159	5 229	22 397	14 996	3 690
FOOD SERVICE OCCUPATIONS	22 220	20 478	1 476	87	390	999	2 197	159	2 508	12 573	5 381	1 095
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	3 162	2 597	299	33	125	141	238	28	414	944	1 431	247
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 457	1 039	105	46	6	53	259	54	147	307	655	271
FARM OPERATORS AND MANAGERS	159	54	-	-	-	-	105	-	18	18	75	48
FARM WORKERS AND RELATED OCCUPATIONS	1 264	966	100	46	6	48	144	54	129	289	546	223
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	10 043	9 108	238	59	55	124	655	42	242	1 234	6 065	2 114
MECHANICS AND REPAIRERS	1 099	1 005	47	-	26	21	31	16	33	113	659	264
CONSTRUCTION TRADES	636	469	19	-	7	12	148	-	36	87	374	103
PRECISION PRODUCTION OCCUPATIONS	8 269	7 601	166	53	22	91	476	26	173	1 034	4 998	1 742
OPERATORS, FABRICATORS, AND LABORERS	27 300	25 590	1 110	189	206	715	452	148	936	4 591	16 095	4 297
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	8 713	8 324	155	41	58	56	191	43	318	1 331	5 266	1 305
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	11 048	10 647	278	85	57	136	105	18	213	861	7 369	2 013
TRANSPORTATION OCCUPATIONS	2 095	1 434	559	33	63	463	79	23	76	600	921	402
MOTOR VEHICLE OPERATORS	2 069	1 413	559	33	63	463	74	23	66	600	910	397
MATERIAL MOVING EQUIPMENT OPERATORS	200	188	6	-	-	6	-	-	5	17	136	37
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	5 244	4 997	112	30	28	54	71	64	324	1 782	2 403	540
CONSTRUCTION LABORERS	98	66	7	-	-	7	-	25	-	21	27	44
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 775	1 738	31	18	-	13	6	-	192	1 093	383	72

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B.]

ANAHEIM-SANTA ANA-GARDEN GROVE, CA SMSA	EMPLOYED PERSONS								PERSONS AT WORK				
	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS		15 TO 34 HOURS		35 TO 40 HOURS		41+ HOURS
		TOTAL	FEDERAL	STATE									
BLACK													
MALES 16 YEARS AND OVER	6 523	5 014	1 194	352	266	576	285	30	175	793	3 623	1 776	
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	1 712	1 199	394	44	139	211	94	25	37	203	922	527	
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	773	599	105	26	36	43	69	-	23	42	392	300	
ADMINISTRATION	6	-	6	-	-	6	-	-	-	6	-	-	
MANAGEMENT RELATED OCCUPATIONS	141	96	34	19	10	5	11	-	6	5	86	41	
PROFESSIONAL SPECIALTY OCCUPATIONS	939	600	289	18	105	168	25	25	14	161	530	227	
ENGINEERS AND NATURAL SCIENTISTS	265	231	26	13	13	-	6	-	-	7	233	23	
ENGINEERS	219	200	13	13	-	-	6	-	-	7	194	18	
HEALTH DIAGNOSING OCCUPATIONS	61	51	-	-	-	-	10	-	-	6	26	29	
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	26	12	14	5	9	-	-	-	-	6	-	20	
TEACHERS, LIBRARIANS, AND COUNSELORS	207	77	130	-	59	71	-	-	6	73	77	44	
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	111	23	88	-	17	71	-	-	-	29	59	23	
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1 548	1 213	298	163	56	79	37	-	59	227	907	339	
HEALTH TECHNOLOGISTS AND TECHNICIANS	50	37	13	-	13	-	-	-	-	13	29	-	
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	269	215	46	15	11	20	8	-	-	25	198	46	
SALES OCCUPATIONS	482	434	19	10	-	9	29	-	26	90	233	125	
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	70	56	-	-	-	-	14	-	-	-	12	58	
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	177	160	6	-	-	6	11	-	8	13	106	50	
OTHER SALES OCCUPATIONS	235	218	13	10	-	3	4	-	18	77	115	17	
CASHIERS	91	78	13	10	-	3	-	-	6	36	33	8	
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	747	527	220	138	32	50	-	-	33	99	447	168	
COMPUTER EQUIPMENT OPERATORS	46	40	6	-	-	6	-	-	-	-	29	17	
SECRETARIES, STENOGRAPHERS, AND TYPISTS	-	-	-	-	-	-	-	-	-	-	-	-	
FINANCIAL RECORDS PROCESSING OCCUPATIONS	19	13	6	-	-	6	-	-	-	-	19	-	
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	109	5	104	92	6	6	-	-	6	-	73	30	
SERVICE OCCUPATIONS	767	451	265	41	46	178	46	5	35	161	409	119	
PRIVATE HOUSEHOLD OCCUPATIONS	11	11	-	-	-	-	-	-	-	11	-	-	
PROTECTIVE SERVICE OCCUPATIONS	205	117	88	9	7	72	-	-	-	41	115	39	
POLICE AND FIREFIGHTERS	39	6	33	-	-	33	-	-	-	4	17	18	
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	551	323	177	32	39	106	46	5	35	109	294	80	
FOOD SERVICE OCCUPATIONS	175	148	27	8	8	11	-	-	21	42	72	19	
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	320	153	127	19	31	77	35	5	5	49	209	50	
FARMING, FORESTRY, AND FISHING OCCUPATIONS	66	3	40	-	16	24	23	-	-	-	51	15	
FARM OPERATORS AND MANAGERS	7	-	-	-	-	7	-	-	-	-	7	-	
FARM WORKERS AND RELATED OCCUPATIONS	59	3	40	-	16	24	16	-	-	-	44	15	
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	888	732	94	44	5	45	62	-	12	42	467	316	
MECHANICS AND REPAIRERS	269	197	40	24	5	11	32	-	8	10	100	133	
CONSTRUCTION TRADES	187	134	23	6	-	17	30	-	4	17	110	35	
PRECISION PRODUCTION OCCUPATIONS	425	394	31	14	-	17	-	-	-	15	257	141	
OPERATORS, FABRICATORS, AND LABORERS	1 542	1 416	103	60	4	39	23	-	32	160	867	460	
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	424	398	20	20	-	-	6	-	-	26	277	121	
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	295	285	10	10	-	-	-	-	-	5	196	94	
TRANSPORTATION OCCUPATIONS	339	279	48	19	-	29	12	-	14	22	141	149	
MOTOR VEHICLE OPERATORS	339	279	48	19	-	29	12	-	14	22	141	149	
MATERIAL MOVING EQUIPMENT OPERATORS	126	116	10	-	-	10	-	-	-	4	83	33	
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	358	338	15	11	4	-	5	-	18	103	170	63	
CONSTRUCTION LABORERS	67	67	-	-	-	-	-	-	-	20	43	4	
FREIGHT, STOCK, AND MATERIAL HANDLERS	123	119	4	4	-	-	-	-	10	57	42	10	

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B.]

ANAHEIM-SANTA ANA-GARDEN GROVE, CA SMSA

	PRIV. WAGE AND SALARY TOTAL	EMPLOYED PERSONS					PERSONS AT WORK					
		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS		15 TO 34 HOURS		41+ HOURS	
		TOTAL	FEDERAL	STATE			LOCAL					
BLACK												
FEMALES 16 YEARS AND OVER, MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	4 900	3 595	1 190	228	297	665	102	13	265	757	2 955	684
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	1 104	572	479	49	94	336	46	7	73	113	672	170
MANAGEMENT RELATED OCCUPATIONS	454	304	109	35	34	40	34	7	28	55	286	79
PROFESSIONAL SPECIALTY OCCUPATIONS	211	142	69	18	22	29	-	-	-	5	152	14
ENGINEERS AND NATURAL SCIENTISTS	650	268	370	14	60	296	12	-	45	58	386	91
ENGINEERS	39	33	6	-	-	6	-	-	-	-	39	-
HEALTH DIAGNOSING OCCUPATIONS	12	6	6	-	-	6	-	-	-	-	12	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	17	12	5	-	5	-	-	-	-	-	6	11
TEACHERS, LIBRARIANS, AND COUNSELORS	117	72	45	4	-	41	-	-	-	8	79	6
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	344	87	257	10	55	192	-	-	30	43	204	35
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2 367	1 863	473	153	127	193	25	6	139	367	1 474	275
SALES OCCUPATIONS	110	59	46	-	39	7	5	-	-	17	70	17
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	86	86	-	-	-	-	-	-	-	-	86	-
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	426	366	40	40	-	-	20	-	37	177	174	30
OTHER SALES OCCUPATIONS	117	112	-	-	-	-	7	-	-	-	32	-
CASHIERS	277	235	34	34	-	-	5	-	37	156	72	12
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	1 745	1 352	387	113	88	186	-	6	102	173	1 144	228
COMPUTER EQUIPMENT OPERATORS	73	64	9	9	-	-	-	-	7	-	51	-
SECRETARIES, STENOGRAPHERS, AND TYPISTS	380	270	104	7	38	59	-	6	33	33	259	27
FINANCIAL RECORDS PROCESSING OCCUPATIONS	154	148	6	-	6	-	-	-	-	6	141	7
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	39	5	34	34	-	-	-	-	-	-	14	25
SERVICE OCCUPATIONS	645	440	180	12	70	98	25	-	39	209	317	46
PRIVATE HOUSEHOLD OCCUPATIONS	63	63	-	-	-	-	-	-	-	19	28	16
PROTECTIVE SERVICE OCCUPATIONS	43	23	20	-	14	6	-	-	-	-	30	13
POLICE AND FIREFIGHTERS	6	-	6	-	-	6	-	-	-	-	6	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	539	354	160	12	56	92	25	-	39	190	259	17
FOOD SERVICE OCCUPATIONS	154	118	36	-	7	29	-	-	21	65	47	12
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	87	70	10	-	6	4	7	-	14	21	39	-
FARMING, FORESTRY, AND FISHING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
FARM OPERATORS AND MANAGERS	-	-	-	-	-	-	-	-	-	-	-	-
FARM WORKERS AND RELATED OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	203	203	-	-	-	-	-	-	11	5	144	43
MECHANICS AND REPAIRERS	27	27	-	-	-	-	-	-	-	-	20	7
CONSTRUCTION TRADES	13	13	-	-	-	-	-	-	-	-	13	-
PRECISION PRODUCTION OCCUPATIONS	163	163	-	-	-	-	-	-	11	5	111	36
OPERATORS, FABRICATORS, AND LABORERS	581	517	58	14	6	38	6	-	3	63	348	150
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	140	125	15	-	-	15	-	-	3	18	61	53
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	355	327	22	14	-	8	6	-	-	16	240	87
TRANSPORTATION OCCUPATIONS	21	6	15	-	-	15	-	-	-	5	12	4
MOTOR VEHICLE OPERATORS	21	6	15	-	-	15	-	-	-	5	12	4
MATERIAL MOVING EQUIPMENT OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	65	59	6	-	6	-	-	-	-	24	35	6
CONSTRUCTION LABORERS	-	-	-	-	-	-	-	-	-	-	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	11	11	-	-	-	-	-	-	-	11	-	-

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B1

ANAHEIM-SANTA ANA-GARDEN GROVE, CA SMSA

	PRIV. WAGE AND SALARY TOTAL WORKERS	EMPLOYED PERSONS						PERSONS AT WORK					
		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS		15 TO 34 HOURS		35 TO 40 HOURS		41+ HOURS
		TOTAL	FEDERAL	STATE			LOCAL						
ASIAN AND PACIFIC ISLANDER													
MALES 16 YEARS AND OVER	23 781	18 700	2 481	637	711	1 133	2 503	97	665	1 956	13 286	7 334	
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	9 255	7 118	1 138	226	406	506	979	20	130	386	5 538	3 053	
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	3 623	2 816	261	124	69	68	526	20	77	95	1 807	1 568	
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	48	-	48	16	7	25	-	-	-	-	23	25	
PROFESSIONAL SPECIALTY OCCUPATIONS	5 632	4 302	877	102	337	438	453	-	53	291	3 731	1 485	
ENGINEERS AND NATURAL SCIENTISTS	3 597	3 179	166	46	39	81	52	-	5	96	2 619	650	
ENGINEERS	2 591	2 498	84	26	13	45	9	-	5	74	2 044	456	
HEALTH DIAGNOSING OCCUPATIONS	682	342	72	27	24	21	268	-	13	20	229	398	
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	224	182	24	-	14	10	18	-	-	6	143	75	
TEACHERS, LIBRARIANS, AND COUNSELORS	527	58	453	12	224	217	16	-	17	130	268	101	
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	235	26	209	-	72	137	-	-	6	56	125	48	
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	5 152	4 113	612	223	127	262	406	21	139	527	2 857	1 526	
HEALTH TECHNOLOGISTS AND TECHNICIANS	137	95	42	7	23	12	-	-	-	8	110	19	
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	1 889	1 699	154	35	54	65	36	-	29	149	1 286	389	
SALES OCCUPATIONS	1 619	1 257	4	4	-	344	14	65	213	587	719		
SALES SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	534	328	4	4	-	196	6	-	23	164	334		
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	582	480	-	-	-	102	-	22	45	276	228		
OTHER SALES OCCUPATIONS	503	449	-	-	-	46	8	43	145	147	157		
CASHIERS	121	118	-	-	-	3	-	7	33	53	28		
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	1 507	1 062	412	177	50	185	26	7	45	157	874	399	
COMPUTER EQUIPMENT OPERATORS	138	96	42	15	10	17	-	-	19	107	12		
SECRETARIES, STENOGRAPHERS, AND TYPISTS	21	6	8	-	8	-	-	7	-	8	-	13	
FINANCIAL RECORDS PROCESSING OCCUPATIONS	166	166	-	-	-	-	-	-	-	11	86	63	
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	130	15	115	115	-	-	-	-	-	15	75	36	
SERVICE OCCUPATIONS	1 901	1 451	297	30	92	175	133	20	184	484	712	445	
PRIVATE HOUSEHOLD OCCUPATIONS	17	17	-	-	-	-	-	-	6	-	11	-	
PROTECTIVE SERVICE OCCUPATIONS	125	64	61	7	20	34	-	-	-	30	56	39	
POLICE AND FIREFIGHTERS	29	-	29	-	6	23	-	-	-	-	15	14	
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	1 759	1 370	236	23	72	141	133	20	178	454	645	406	
FOOD SERVICE OCCUPATIONS	988	870	33	19	72	14	65	20	106	277	312	248	
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	492	334	98	4	37	57	60	-	26	99	230	113	
FARMING, FORESTRY, AND FISHING OCCUPATIONS	835	160	33	-	-	33	611	31	38	68	356	362	
FARM OPERATORS AND MANAGERS	171	48	-	-	-	123	-	6	5	22	138		
FARM WORKERS AND RELATED OCCUPATIONS	645	99	33	-	-	33	482	31	32	54	330	218	
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	3 333	2 794	221	109	24	88	313	5	68	133	1 946	1 082	
MECHANICS AND REPAIRERS	1 125	920	98	45	8	45	107	-	9	39	654	401	
CONSTRUCTION TRADES	506	372	34	18	16	-	100	-	10	46	262	145	
PRECISION PRODUCTION OCCUPATIONS	1 702	1 502	89	46	-	43	106	5	49	48	1 030	536	
OPERATORS, FABRICATORS, AND LABORERS	3 305	3 064	180	49	62	69	61	-	106	358	1 877	866	
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	1 180	1 127	32	19	9	4	21	-	19	31	687	392	
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	984	923	50	13	15	22	11	-	24	37	665	225	
TRANSPORTATION OCCUPATIONS	254	218	28	-	17	11	8	-	45	105	99		
MOTOR VEHICLE OPERATORS	231	195	28	-	17	11	8	-	-	33	98	95	
MATERIAL MOVING EQUIPMENT OPERATORS	97	92	5	-	5	-	-	-	-	13	57	27	
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	790	704	65	17	16	32	21	-	63	232	363	123	
CONSTRUCTION LABORERS	92	63	29	-	10	19	-	-	9	11	54	18	
FREIGHT, STOCK, AND MATERIAL HANDLERS	356	350	6	-	-	6	-	-	34	141	146	35	

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

ANAHEIM-SANTA ANA-GARDEN GROVE, CA SMSA

	EMPLOYED PERSONS							PERSONS AT WORK								
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS			41+ HOURS						
		TOTAL	FEDERAL	STATE			1	TO	14	15	TO	34	35	TO	40	HOURS
ASIAN AND PACIFIC ISLANDER																
FEMALES 16 YEARS AND OVER	18 537	14 437	2 896	440	907	1 549	883	321	917	3 417	11 113	2 530				
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	4 163	2 604	1 201	116	421	664	313	45	158	598	2 570	751				
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	1 569	1 109	197	57	53	87	225	38	13	145	961	427				
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	-	-	-	-	-	-	-	-	-	-	-	-				
MANAGEMENT RELATED OCCUPATIONS	645	511	110	37	23	50	24	-	-	49	475	109				
PROFESSIONAL SPECIALTY OCCUPATIONS	2 594	1 495	1 004	59	368	577	88	7	145	453	1 609	324				
ENGINEERS AND NATURAL SCIENTISTS	334	299	35	6	5	24	-	-	-	-	271	58				
ENGINEERS	105	100	5	-	5	-	-	-	-	-	75	30				
HEALTH DIAGNOSING OCCUPATIONS	165	95	43	-	37	6	27	-	-	38	73	49				
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	984	727	238	39	88	111	19	-	17	195	651	100				
TEACHERS, LIBRARIANS, AND COUNSELORS	765	153	581	14	206	361	24	7	90	156	409	83				
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	560	107	453	14	128	311	-	-	43	104	321	65				
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	7 611	5 998	1 092	223	323	546	325	196	455	1 482	4 735	746				
HEALTH TECHNOLOGISTS AND TECHNICIANS	474	372	102	-	68	34	-	-	13	70	351	31				
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	540	447	93	10	49	34	-	-	41	34	392	54				
SALES OCCUPATIONS	1 770	1 340	25	22	-	3	293	112	207	588	663	294				
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	230	98	-	-	-	-	121	11	6	41	72	111				
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	387	324	-	-	-	-	43	20	19	76	225	62				
OTHER SALES OCCUPATIONS	1 153	918	25	22	-	3	129	81	182	471	366	121				
CASHIERS	509	386	15	12	-	3	50	58	51	183	201	67				
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	4 827	3 839	872	191	206	475	32	84	194	790	3 329	367				
COMPUTER EQUIPMENT OPERATORS	132	124	8	-	8	-	-	-	-	20	89	15				
SECRETARIES, STENOGRAPHERS, AND TYPISTS	1 308	934	353	50	22	281	7	14	49	201	930	72				
FINANCIAL RECORDS PROCESSING OCCUPATIONS	962	866	34	6	7	21	18	44	32	167	667	79				
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	100	54	46	46	-	-	-	-	-	-	15	68	17			
SERVICE OCCUPATIONS	2 302	1 652	485	67	114	304	119	46	227	946	827	215				
PRIVATE HOUSEHOLD OCCUPATIONS	131	131	-	-	-	-	-	-	5	50	49	4				
PROTECTIVE SERVICE OCCUPATIONS	34	20	14	-	5	9	-	-	-	-	26	8				
POLICE AND FIREFIGHTERS	9	-	9	-	-	9	-	-	-	-	9	-				
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	2 137	1 501	471	67	109	295	119	46	222	896	752	203				
FOOD SERVICE OCCUPATIONS	837	723	50	36	9	5	18	46	79	345	293	95				
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	168	143	16	7	6	3	9	-	12	78	60	9				
FARMING, FORESTRY, AND FISHING OCCUPATIONS	86	48	-	-	-	-	18	20	16	11	46	8				
FARM OPERATORS AND MANAGERS	9	4	-	-	-	-	5	-	-	-	9	-				
FARM WORKERS AND RELATED OCCUPATIONS	77	44	-	-	-	-	13	20	16	11	37	8				
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	1 089	1 016	19	19	-	-	54	-	20	61	681	303				
MECHANICS AND REPAIRERS	49	38	-	-	-	-	11	-	-	-	28	21				
CONSTRUCTION TRADES	23	23	-	-	-	-	-	-	-	-	13	10				
PRECISION PRODUCTION OCCUPATIONS	1 017	955	19	19	-	-	43	-	20	61	640	272				
OPERATORS, FABRICATORS, AND LABORERS	3 286	3 119	99	15	49	35	54	14	41	319	2 254	507				
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	883	837	27	-	27	-	19	-	16	63	621	144				
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	-	-	-	-	-	-	-	-	-	-	-	-				
TRANSPORTATION OCCUPATIONS	2 020	1 949	44	5	17	22	27	-	21	163	1 414	309				
MOTOR VEHICLE OPERATORS	21	17	4	-	-	4	-	-	-	4	17	-				
MATERIAL MOVING EQUIPMENT OPERATORS	21	17	4	-	-	4	-	-	-	4	17	-				
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	362	316	24	10	5	9	8	14	4	89	202	56				
CONSTRUCTION LABORERS	9	-	9	-	-	9	-	-	-	-	9	-				
FREIGHT, STOCK, AND MATERIAL HANDLERS	56	48	-	-	-	-	-	8	-	31	17	-				

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

(DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B.)

ANAHEIM-SANTA ANA-GARDEN GROVE, CA SMSA

SPANISH ORIGIN	EMPLOYED PERSONS								PERSONS AT WORK			
	PRIV. WAGE AND SALARY TOTAL	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS		15 TO 34 HOURS		35 TO 40 HOURS	
		TOTAL	FEDERAL	STATE			LOCAL					
MALES 16 YEARS AND OVER	77 231	67 488	6 322	1 393	1 100	3 829	3 276	145	1 851	6 837	47 587	18 842
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	9 582	7 002	1 584	192	434	958	983	13	253	487	5 443	3 292
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	5 740	4 483	653	160	123	370	597	7	80	243	3 050	2 288
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	91	-	91	2	24	65	-	-	7	-	51	33
MANAGEMENT RELATED OCCUPATIONS	1 191	864	201	72	38	91	126	-	25	48	754	336
PROFESSIONAL SPECIALTY OCCUPATIONS	3 842	2 519	931	32	311	588	386	6	173	244	2 393	1 004
ENGINEERS AND NATURAL SCIENTISTS	1 758	1 562	112	32	24	56	84	-	19	34	1 259	430
ENGINEERS	1 334	1 254	51	9	7	35	29	-	15	25	954	324
HEALTH DIAGNOSING OCCUPATIONS	142	67	41	-	24	17	34	-	-	10	33	99
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	83	69	9	-	3	6	5	-	-	-	56	27
TEACHERS, LIBRARIANS, AND COUNSELORS	742	163	571	-	222	349	8	-	105	93	381	163
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	433	55	378	-	107	271	-	-	37	31	250	115
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	9 962	8 329	999	531	124	344	613	21	354	1 225	5 187	2 968
HEALTH TECHNOLOGISTS AND TECHNICIANS	170	136	27	5	13	9	7	-	-	6	106	54
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	1 397	1 224	148	62	39	47	25	-	16	132	940	250
SALES OCCUPATIONS	3 980	3 398	31	14	-	17	551	-	199	652	1 507	1 566
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	843	607	4	4	-	-	232	-	10	41	209	577
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	1 481	1 253	14	-	-	14	214	-	40	119	689	627
OTHER SALES OCCUPATIONS	1 656	1 538	13	10	-	3	105	-	149	492	609	362
CASHIERS	369	353	8	5	-	3	8	-	78	139	94	39
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	4 415	3 571	793	450	72	271	30	21	139	435	2 634	1 098
COMPUTER EQUIPMENT OPERATORS	145	131	14	-	-	14	-	-	5	10	68	62
SECRETARIES, STENOGRAPHERS, AND TYPISTS	76	48	28	-	11	17	-	-	-	6	59	11
FINANCIAL RECORDS PROCESSING OCCUPATIONS	229	202	27	16	11	-	-	-	19	14	112	59
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	427	110	317	310	-	7	-	-	-	4	276	140
SERVICE OCCUPATIONS	10 598	8 867	1 455	78	270	1 107	256	20	333	1 595	6 609	1 817
PRIVATE HOUSEHOLD OCCUPATIONS	43	43	-	-	-	-	-	-	11	-	30	2
PROTECTIVE SERVICE OCCUPATIONS	734	189	540	19	28	493	5	-	19	68	341	288
POLICE AND FIREFIGHTERS	388	-	388	19	28	341	-	-	-	27	157	186
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	9 821	8 635	915	59	242	614	251	20	303	1 527	6 238	1 527
FOOD SERVICE OCCUPATIONS	5 420	5 310	68	6	22	40	25	17	118	945	3 405	855
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	3 393	2 574	728	48	162	518	88	3	122	424	2 243	490
FARMING, FORESTRY, AND FISHING OCCUPATIONS	4 784	3 948	501	41	76	384	294	41	101	400	3 064	1 059
FARM OPERATORS AND MANAGERS	173	137	-	-	-	-	36	-	14	76	69	69
FARM WORKERS AND RELATED OCCUPATIONS	4 599	3 799	501	41	76	384	258	41	101	386	2 976	990
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	15 691	14 176	702	308	88	306	784	29	343	974	9 821	4 010
MECHANICS AND REPAIRERS	3 545	3 135	196	105	14	77	208	6	96	148	2 173	1 051
CONSTRUCTION TRADES	6 025	5 308	274	85	61	128	440	3	160	619	3 998	946
PRECISION PRODUCTION OCCUPATIONS	6 067	5 679	232	118	13	101	136	20	87	200	3 618	1 998
OPERATORS, FABRICATORS, AND LABORERS	26 614	25 166	1 081	243	108	730	346	21	467	2 156	17 463	5 696
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	9 549	9 189	249	84	53	112	105	6	96	446	6 566	2 186
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	4 933	4 785	123	58	21	44	21	4	81	330	3 434	954
TRANSPORTATION OCCUPATIONS	2 737	2 362	221	19	6	196	149	5	14	214	1 361	1 056
MOTOR VEHICLE OPERATORS	2 698	2 323	221	19	6	196	149	5	14	214	1 332	1 046
MATERIAL MOVING EQUIPMENT OPERATORS	1 547	1 451	44	-	-	44	52	-	13	87	1 046	358
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	7 848	7 379	444	82	28	334	19	6	263	1 079	5 056	1 142
CONSTRUCTION LABORERS	2 447	2 241	206	7	6	193	-	-	120	285	1 683	299
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 507	1 424	83	29	-	54	-	-	120	461	623	206

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

(DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B)

ANAHEIM-SANTA ANA-GARDEN GROVE, CA SMSA

	EMPLOYED PERSONS								PERSONS AT WORK					
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				15 TO 34 HOURS		35 TO 40 HOURS	
		TOTAL	FEDERAL	STATE			1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
SPANISH ORIGIN														
FEMALES 16 YEARS AND OVER	49 082	40 908	6 975	877	1 646	4 452	1 016	183	2 283	9 745	30 013	5 188		
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	5 441	3 265	1 923	91	573	1 259	215	38	314	933	3 166	881		
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	2 503	2 015	356	57	132	167	100	32	97	203	1 623	522		
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	27	-	27	12	9	6	-	-	3	8	16	-		
MANAGEMENT RELATED OCCUPATIONS	786	622	136	12	73	51	14	14	33	58	569	115		
PROFESSIONAL SPECIALTY OCCUPATIONS	2 938	1 250	1 567	34	441	1 092	115	6	217	730	1 543	359		
ENGINEERS AND NATURAL SCIENTISTS	140	115	25	-	13	12	-	-	6	25	84	25		
ENGINEERS	55	55	-	-	-	-	-	-	-	12	43	-		
HEALTH DIAGNOSING OCCUPATIONS	47	33	-	-	-	-	14	-	-	12	18	12		
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	605	430	144	7	67	70	31	-	11	122	362	84		
TEACHERS, LIBRARIANS, AND COUNSELORS	1 517	360	1 129	23	302	804	28	-	161	439	733	148		
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	1 209	275	925	8	226	691	9	-	91	344	618	120		
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	16 956	13 653	2 899	519	579	1 801	283	121	632	3 975	10 237	1 582		
HEALTH TECHNOLOGISTS AND TECHNICIANS	434	308	114	22	40	52	12	-	16	119	234	46		
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	606	519	78	17	32	29	9	-	-	26	439	118		
SALES OCCUPATIONS	4 019	3 736	39	18	9	12	211	33	309	1 702	1 581	289		
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	269	237	-	-	-	-	32	-	12	44	148	60		
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	768	684	-	-	-	-	72	12	22	154	450	127		
OTHER SALES OCCUPATIONS	2 982	2 815	39	18	9	12	107	21	275	1 504	983	102		
CASHIERS	1 232	1 193	22	13	3	6	6	11	87	617	414	44		
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	11 897	9 090	2 668	462	498	1 708	51	88	307	2 128	7 983	1 129		
COMPUTER EQUIPMENT OPERATORS	182	172	10	-	5	5	-	-	-	15	130	29		
SECRETARIES, STENOGRAPHERS, AND TYPISTS	3 256	2 414	805	101	103	601	11	26	63	491	2 330	255		
FINANCIAL RECORDS PROCESSING OCCUPATIONS	1 130	1 019	93	-	34	59	7	11	49	195	720	133		
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	211	109	102	95	-	7	-	-	37	29	117	28		
SERVICE OCCUPATIONS	9 584	7 571	1 598	122	369	1 107	404	11	975	3 314	4 285	698		
PRIVATE HOUSEHOLD OCCUPATIONS	1 347	1 347	-	-	-	-	-	-	192	323	658	138		
PROTECTIVE SERVICE OCCUPATIONS	106	15	91	-	-	91	-	-	17	16	63	10		
POLICE AND FIREFIGHTERS	53	-	53	-	-	53	-	-	9	-	34	10		
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	8 131	6 209	1 507	122	369	1 016	404	11	766	2 975	3 564	550		
FOOD SERVICE OCCUPATIONS	2 461	2 178	238	21	29	188	40	5	258	1 089	872	183		
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	1 785	1 622	106	3	33	70	51	6	101	400	1 102	73		
FARMING, FORESTRY, AND FISHING OCCUPATIONS	611	570	33	27	-	6	8	-	36	84	354	95		
FARM OPERATORS AND MANAGERS	6	6	-	-	-	-	-	-	-	-	-	6		
FARM WORKERS AND RELATED OCCUPATIONS	605	564	33	27	-	6	8	-	36	84	354	89		
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	3 208	3 016	118	37	17	64	74	-	46	286	2 286	449		
MECHANICS AND REPAIRERS	138	120	11	-	-	11	7	-	-	11	77	39		
CONSTRUCTION TRADES	156	136	14	5	9	-	6	-	5	9	106	28		
PRECISION PRODUCTION OCCUPATIONS	2 914	2 760	93	32	8	53	61	-	41	266	2 103	382		
OPERATORS, FABRICATORS, AND LABORERS	13 282	12 833	404	81	108	215	32	13	280	1 153	9 685	1 483		
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	4 993	4 910	83	31	26	26	-	-	93	423	3 654	535		
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	5 962	5 706	244	38	74	132	12	-	103	331	4 545	704		
TRANSPORTATION OCCUPATIONS	221	167	49	7	8	34	-	5	10	55	117	34		
MOTOR VEHICLE OPERATORS	211	157	49	7	8	34	-	5	-	55	117	34		
MATERIAL MOVING EQUIPMENT OPERATORS	55	55	-	-	-	-	-	-	-	5	48	2		
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	2 051	1 995	28	5	-	23	20	8	74	339	1 321	208		
CONSTRUCTION LABORERS	53	41	9	-	-	9	-	3	-	-	37	6		
FREIGHT, STOCK, AND MATERIAL HANDLERS	219	219	-	-	-	-	-	-	36	111	65	7		

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B.

BAKERSFIELD, CA SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS					
		TOTAL	FEDERAL	STATE			15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS			
TOTAL												
MALES 16 YEARS AND OVER	98 893	72 006	16 621	5 810	2 218	8 593	9 989	277	2 795	8 978	47 283	36 722
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	18 773	9 604	6 743	2 535	784	3 424	2 385	41	276	914	9 761	7 533
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	9 418	5 905	2 216	780	352	1 084	1 267	30	119	349	4 416	4 336
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	419	-	419	186	87	146	-	-	5	5	254	135
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	522	21	494	29	30	435	7	-	-	9	306	207
MANAGERS, MEDICINE AND HEALTH	99	50	31	-	-	31	18	-	-	13	55	31
OTHER SPECIFIED MANAGERS	1 523	1 291	127	82	18	27	100	5	21	58	675	718
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	3 849	3 355	494	214	82	198	-	-	68	124	1 749	1 814
MANUFACTURING	536	336	-	-	-	-	-	-	11	9	254	246
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	458	388	70	-	45	25	-	-	-	21	206	219
WHOLESALE AND RETAIL TRADE	985	985	-	-	-	-	-	-	-	23	408	504
ALL OTHER INDUSTRIES	1 870	1 446	424	214	37	173	-	-	34	67	881	845
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	967	-	-	-	-	-	942	25	14	74	283	585
CONSTRUCTION	161	-	-	-	-	-	161	-	5	19	70	61
MANUFACTURING	81	-	-	-	-	-	81	-	-	-	18	63
WHOLESALE AND RETAIL TRADE	375	-	-	-	-	-	365	10	2	31	94	248
ALL OTHER INDUSTRIES	350	-	-	-	-	-	335	15	7	24	101	213
MANAGEMENT RELATED OCCUPATIONS	2 039	1 188	651	269	135	247	200	-	11	66	1 094	846
ACCOUNTANTS AND AUDITORS	691	446	117	38	35	44	128	-	-	18	308	365
BUYERS AND PURCHASING AGENTS	302	253	38	24	-	14	11	-	-	19	114	169
PROFESSIONAL SPECIALTY OCCUPATIONS	9 355	3 699	4 527	1 755	432	2 340	1 118	11	157	565	5 345	3 197
ENGINEERS, ARCHITECTS, AND SURVEYORS	2 639	1 293	1 212	1 080	48	84	134	-	13	47	1 787	777
ARCHITECTS	131	72	5	-	-	5	54	-	-	7	62	62
ENGINEERS	2 444	1 187	1 183	1 073	31	79	74	-	13	40	1 703	673
ELECTRICAL AND ELECTRONIC ENGINEERS	544	165	372	361	-	11	7	-	6	-	416	122
MECHANICAL ENGINEERS	160	44	106	106	-	-	10	-	6	-	119	31
OTHER ENGINEERS	1 740	978	705	606	31	68	57	-	7	34	1 168	520
SURVEYORS AND MAPPING SCIENTISTS	64	34	24	7	17	-	6	-	-	-	22	42
MATHEMATICAL AND COMPUTER SCIENTISTS	321	160	161	153	-	8	-	-	7	27	235	52
COMPUTER SYSTEMS ANALYSIS AND SCIENTISTS	218	147	71	63	-	8	-	-	7	14	152	45
NATURAL SCIENTISTS	767	308	348	301	15	32	111	-	-	12	502	253
HEALTH DIAGNOSING OCCUPATIONS	760	250	121	17	8	96	389	-	29	62	252	417
PHYSICIANS	442	160	103	7	-	96	179	-	5	10	92	335
DENTISTS	160	62	8	-	8	-	90	-	-	25	105	30
OTHER HEALTH DIAGNOSING PRACTITIONERS	158	28	10	10	-	-	120	-	24	27	55	52
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	323	238	35	-	13	22	50	-	-	20	186	117
REGISTERED NURSES	59	45	14	-	-	14	-	-	-	1	52	6
PHARMACISTS	171	127	-	-	5	8	44	-	-	13	75	83
THERAPISTS	55	42	13	-	-	-	-	-	-	-	48	7
TEACHERS, LIBRARIANS, AND COUNSELORS	2 136	228	1 875	36	273	1 566	33	-	41	211	1 113	726
TEACHERS, POSTSECONDARY	248	17	231	-	110	121	-	-	-	42	119	71
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	862	103	759	-	94	665	-	-	7	50	478	304
TEACHERS, SECONDARY	730	59	671	6	32	633	-	-	8	59	385	278
SOCIAL SCIENTISTS AND URBAN PLANNERS	128	14	96	13	-	83	18	-	6	6	94	22
SOCIAL AND RECREATION WORKERS	408	71	322	12	51	259	15	-	-	16	328	57
RELIGIOUS WORKERS	586	472	7	-	7	-	107	-	-	50	199	331
LAWYERS AND JUDGES	464	180	141	7	-	134	143	-	-	11	209	238
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	823	485	209	136	17	56	118	11	61	103	440	207
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	14 762	10 533	2 436	1 513	258	665	1 724	69	370	1 332	7 164	5 577
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	2 572	1 562	922	639	79	204	88	-	38	130	1 630	698
HEALTH TECHNOLOGISTS AND TECHNICIANS	270	219	44	4	5	35	7	-	-	13	141	116
LICENSED PRACTICAL NURSES	45	39	6	-	-	6	-	-	-	4	32	9
ENGINEERING AND SCIENCE TECHNICIANS	1 592	849	688	537	45	106	55	-	31	59	1 075	367
ELECTRICAL AND ELECTRONIC TECHNICIANS	564	178	381	365	11	5	5	-	-	20	410	134
DRAFTING AND SURVEYING TECHNICIANS	442	328	76	13	-	63	38	-	-	13	335	86
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	710	494	190	98	29	63	26	-	7	58	414	215
AIRPLANE PILOTS AND NAVIGATORS	107	99	2	2	-	-	6	-	-	23	36	38
COMPUTER PROGRAMMERS	171	106	65	46	-	19	-	-	-	13	105	47
SALES OCCUPATIONS	7 899	6 215	79	33	5	41	1 573	32	203	860	3 128	3 615
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	2 031	1 356	8	8	-	-	661	6	19	32	609	1 340
SELF-EMPLOYED SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	667	-	-	-	-	-	661	6	6	20	179	444
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL, PERSONAL SERVICES	1 585	1 063	50	19	5	26	466	6	48	171	715	642
SALES WORKERS, RETAIL AND PERSONAL SERVICES	1 399	1 254	-	-	-	-	137	8	19	83	675	611
CASHIERS	2 868	2 526	21	6	-	15	309	12	117	574	1 123	1 012
SALES RELATED OCCUPATIONS	530	518	6	6	-	-	6	12	16	195	1 240	73
	16	16	-	-	-	-	-	-	-	-	-	10

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

BAKERSFIELD, CA SMSA

	EMPLOYED PERSONS							PERSONS AT WORK				
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS					
		TOTAL	FEDERAL	STATE			15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS			
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	4 291	2 756	1 435	841	174	420	63	37	129	342	2 406	1 264
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	682	332	339	157	78	104	11	-	-	10	393	257
COMPUTER EQUIPMENT OPERATORS	210	137	61	32	12	17	12	-	-	12	131	67
SECRETARIES, STENOGRAFERS, AND TYPISTS	103	42	61	28	6	27	-	-	-	-	72	31
SECRETARIES	58	42	16	-	6	10	-	-	-	-	33	25
RECEPTIONISTS	13	7	6	-	6	-	-	-	-	-	6	7
FILE CLERKS	16	14	2	2	-	-	-	-	6	-	10	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	383	290	58	24	10	24	16	19	5	34	212	125
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	294	219	40	16	-	24	16	19	5	21	162	99
TELEPHONE OPERATORS	46	39	7	7	-	-	-	-	-	5	35	6
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	637	134	493	471	-	22	-	10	14	61	358	172
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	664	559	105	53	6	46	-	-	37	82	398	127
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	63	56	7	-	7	-	-	-	6	-	21	30
BANK TELLERS	59	59	-	-	-	-	-	-	-	6	53	-
DATA-ENTRY KEYERS	29	29	-	-	-	-	-	-	-	-	7	22
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	1 386	1 058	296	67	49	180	24	8	61	132	710	420
SERVICE OCCUPATIONS	8 707	4 608	3 644	383	704	2 557	439	16	541	1 630	3 846	2 448
PRIVATE HOUSEHOLD OCCUPATIONS	35	35	-	-	-	-	-	-	18	4	7	-
PROTECTIVE SERVICE OCCUPATIONS	2 838	449	2 361	240	456	1 665	28	-	13	127	1 359	1 306
FIREFIGHTING OCCUPATIONS	706	15	691	113	9	569	-	-	-	10	147	530
POLICE AND DETECTIVES, PUBLIC SERVICE	818	-	818	50	200	568	-	-	-	18	525	275
GUARDS	605	409	174	49	25	100	22	-	13	86	271	221
OTHER PROTECTIVE SERVICE OCCUPATIONS	709	25	678	28	222	428	6	-	-	13	416	280
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	5 834	4 124	1 283	143	248	892	411	16	510	1 499	2 480	1 142
FOOD PREPARATION AND SERVICE OCCUPATIONS	2 253	2 042	103	51	12	40	108	-	203	889	712	380
WAITERS AND FOOD COUNTER WORKERS	218	212	-	-	-	-	6	-	25	113	60	13
COOKS	999	898	39	16	6	17	62	-	69	350	365	194
HEALTH SERVICE OCCUPATIONS	250	185	61	9	26	26	4	-	25	7	134	77
NURSING AIDS, ORDERLIES, AND ATTENDANTS	153	96	53	9	26	18	4	-	18	2	71	55
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	2 843	1 688	1 000	76	170	754	145	10	238	510	1 443	543
PERSONAL SERVICE OCCUPATIONS	488	209	119	7	40	72	154	6	44	93	191	142
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	235	93	-	-	-	-	142	-	2	17	95	114
FARMING, FORESTRY, AND FISHING OCCUPATIONS	13 705	11 108	693	93	63	537	1 841	63	578	1 206	4 012	7 475
FARM OPERATORS AND MANAGERS	2 139	734	45	5	-	40	1 360	-	29	124	535	1 415
FARM OCCUPATIONS, EXCEPT MANAGERIAL	9 936	9 743	124	19	12	93	15	54	413	934	2 654	5 604
RELATED AGRICULTURAL OCCUPATIONS	1 558	614	477	31	51	395	458	9	136	148	768	441
FORESTRY AND FISHING OCCUPATIONS	72	17	47	38	-	9	8	-	-	-	55	15
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	22 919	18 935	1 541	789	210	542	2 425	18	387	1 689	12 554	7 316
MECHANICS AND REPAIRERS	8 218	6 759	682	388	70	224	771	6	140	501	4 551	2 756
AUTOMOBILE MECHANICS, INCLUDING BODY	2 646	1 991	212	107	22	83	443	-	53	196	1 369	959
AIRCRAFT MECHANICS	178	121	51	44	7	-	6	-	-	146	32	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	242	184	29	15	-	14	29	-	23	33	149	30
OTHER MECHANICS AND REPAIRERS	5 152	4 463	390	222	41	127	293	6	64	272	2 887	1 735
CONSTRUCTION TRADES	7 529	5 750	456	174	120	162	1 316	7	153	881	4 253	1 879
CARPENTERS	1 486	1 190	21	7	14	288	7	-	49	276	829	231
ELECTRICIANS	1 238	989	138	73	46	19	111	-	-	110	807	274
PAINTERS, CONSTRUCTION AND MAINTENANCE	557	376	46	20	-	26	135	-	6	64	302	128
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	885	736	48	35	-	13	101	-	15	84	514	246
OTHER CONSTRUCTION TRADES	3 363	2 459	203	39	74	90	701	-	83	347	1 801	1 000
EXTRACTIVE OCCUPATIONS	2 971	2 912	15	6	-	9	44	-	32	158	1 495	1 110
PRECISION PRODUCTION OCCUPATIONS	4 201	3 514	388	221	20	147	294	5	62	149	2 255	1 571
SUPERVISORS, PRODUCTION OCCUPATIONS	1 597	1 408	107	39	8	60	82	-	15	35	738	789
MANUFACTURING	788	762	-	-	-	-	26	-	-	28	411	329
PRECISION METALWORKING OCCUPATIONS	829	663	128	115	-	13	38	-	13	26	524	234
TOOL AND DIE MAKERS	58	58	-	-	-	-	-	-	-	5	41	12
MACHINISTS	540	418	90	77	-	13	32	-	13	15	315	172
SHEET METAL WORKERS	82	55	27	27	-	-	-	-	-	-	82	-
OTHER PRECISION METAL WORKERS	149	132	11	11	-	-	6	-	-	6	86	50
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	126	62	-	-	-	-	59	5	4	14	80	28
PLANT AND SYSTEM OPERATORS	880	765	115	34	7	74	-	-	6	28	490	266
OTHER PRECISION PRODUCTION OCCUPATIONS	769	616	38	33	5	-	115	-	24	46	423	254

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B1.

BAKERSFIELD, CA SMSA

	PRIV. WAGE AND SALARY WORKERS	EMPLOYED PERSONS						PERSONS AT WORK				
		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS		
		TOTAL	FEDERAL	STATE			LOCAL					
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	20 027	17 218	1 564	497	199	868	1 175	70	643	2 207	9 946	6 373
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	5 256	4 395	345	176	62	107	504	12	118	479	2 924	1 536
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	2 834	2 450	223	115	28	80	149	12	55	295	1 556	826
METALWORKING AND PLASTIC WORKING												
MACHINE OPERATORS	345	294	17	11	-	6	34	-	17	65	141	116
PRINTING MACHINE OPERATORS	167	111	36	17	-	19	20	-	-	22	117	28
TEXTILE, APPAREL, AND FURNISHINGS												
MACHINE OPERATORS	140	122	7	-	-	7	11	-	-	7	90	30
TEXTILE MACHINE OPERATORS	18	18	-	-	-	-	-	-	-	-	9	9
TEXTILE SEWING MACHINE OPERATORS	30	30	-	-	-	-	-	-	-	-	23	7
LAUNDERING AND DRYCLEANING												
MACHINE OPERATORS	71	53	7	-	-	7	11	-	-	-	47	11
OTHER SPECIFIED MACHINE OPERATORS	1 137	984	103	58	11	34	38	12	20	77	601	384
MISCELLANEOUS AND NOT SPECIFIED												
MACHINE OPERATORS	1 045	939	60	29	17	14	46	-	18	124	607	268
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	414	371	13	-	11	2	30	-	-	31	239	131
MACHINE OPERATORS, NOT SPECIFIED	631	568	47	29	6	12	16	-	18	93	368	137
INDUSTRY:												
MANUFACTURING	611	575	4	-	-	4	32	-	9	59	342	175
NONDURABLE GOODS	401	379	4	-	-	4	18	-	-	26	253	128
FOOD AND KINDRED PRODUCTS	54	54	-	-	-	-	-	-	-	44	-	10
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	19	19	-	-	-	-	-	-	-	10	9	-
PAPER AND ALLIED PRODUCTS	4	-	4	-	-	4	-	-	-	-	4	-
OTHER NONDURABLE GOODS	324	306	-	-	-	-	18	-	-	16	176	118
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	210	196	-	-	-	-	14	-	9	33	109	47
METAL INDUSTRIES	70	70	-	-	-	-	-	-	-	27	31	12
MACHINERY, INCLUDING ELECTRICAL	39	39	-	-	-	-	-	-	-	-	18	7
TRANSPORTATION EQUIPMENT	4	4	-	-	-	-	-	-	-	-	-	-
OTHER DURABLE GOODS	97	83	-	-	-	-	14	-	9	-	60	28
NONMANUFACTURING INDUSTRIES	434	364	56	29	17	10	-	-	9	65	265	93
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	135	109	26	7	17	2	-	-	-	18	96	19
WHOLESALE AND RETAIL TRADE	119	114	-	-	-	5	-	-	9	20	42	48
ALL OTHER INDUSTRIES	180	141	30	22	-	8	9	-	-	27	127	26
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	2 150	1 697	98	55	21	22	355	-	57	163	1 219	621
WELDERS AND CUTTERS	1 750	1 351	71	35	21	15	328	-	24	128	1 027	519
ASSEMBLERS	297	289	8	8	-	-	-	-	-	35	145	91
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	103	57	19	12	-	7	27	-	33	-	47	11
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	272	248	24	6	13	5	-	-	6	21	149	89
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	8 700	7 484	676	129	123	424	516	24	185	626	4 046	3 439
MOTOR VEHICLE OPERATORS	5 106	4 297	392	78	44	270	393	24	108	362	2 201	2 213
TRUCK DRIVERS AND DRIVER-SALES WORKERS	4 566	4 027	146	72	18	56	379	14	94	326	1 915	2 021
BUS DRIVERS	316	90	226	-	19	207	-	-	14	17	189	84
RAIL AND WATER TRANSPORTATION OCCUPATIONS	609	587	22	10	-	12	-	-	22	24	260	274
MATERIAL MOVING EQUIPMENT OPERATORS	2 985	2 600	262	41	79	142	123	-	55	240	1 585	952
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	390	312	7	-	-	7	71	-	6	45	196	138
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	6 071	5 339	543	192	14	337	155	34	340	1 102	2 976	1 398
CONSTRUCTION LABORERS	1 840	1 679	161	23	-	138	-	-	52	215	1 009	424
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 353	1 183	122	46	-	76	36	12	129	461	511	236
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	610	548	32	24	-	8	24	6	33	113	252	183
HAND PACKERS AND PACKAGERS	170	158	12	6	-	6	-	-	-	17	97	41
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	736	674	36	24	-	12	19	7	76	149	320	185
LABORERS, EXCEPT CONSTRUCTION	1 362	1 097	180	69	14	97	76	9	50	147	787	329
MANUFACTURING	217	217	-	-	-	-	-	-	7	-	159	41
NONDURABLE GOODS	96	96	-	-	-	-	-	-	7	-	58	21
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	121	121	-	-	-	-	-	-	-	-	101	20
METAL INDUSTRIES	34	34	-	-	-	-	-	-	-	-	27	7
NONMANUFACTURING INDUSTRIES	1 145	880	180	69	14	97	76	9	43	147	628	288
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	149	111	38	4	-	34	-	-	6	7	89	32
WHOLESALE AND RETAIL TRADE	388	317	22	-	14	8	49	-	27	57	165	128
ALL OTHER INDUSTRIES	608	452	120	65	-	55	27	9	10	83	374	128

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

(DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B)

BAKERSFIELD, CA SMSA

	PRIV. WAGE AND SALARY TOTAL WORKERS	EMPLOYED PERSONS						PERSONS AT WORK				
		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS		
		TOTAL	FEDERAL	STATE								
TOTAL												
FEMALES 16 YEARS AND OVER.	63 297	43 803	15 591	2 703	2 031	10 857	3 152	751	4 250	15 662	33 349	8 105
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	12 471	5 932	5 665	613	768	4 284	745	129	785	2 008	7 206	2 098
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	4 812	3 406	899	356	178	365	399	108	129	621	2 852	1 112
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	102	-	102	52	5	45	-	-	5	6	80	11
ADMINISTRATORS, EDUCATION AND RELATED FIELDS.	184	75	100	-	48	52	9	-	-	23	110	44
MANAGERS, MEDICINE AND HEALTH.	68	26	27	6	-	21	15	-	-	7	55	-
OTHER SPECIFIED MANAGERS	730	611	91	61	9	21	28	-	24	113	400	171
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED.	1 824	1 595	229	92	31	106	-	-	56	193	1 087	451
MANUFACTURING	102	102	-	-	-	-	-	-	-	9	63	30
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	141	113	28	-	5	23	-	-	-	-	112	23
WHOLESALE AND RETAIL TRADE.	644	644	-	-	-	-	-	-	35	86	268	230
ALL OTHER INDUSTRIES.	937	736	201	92	26	83	-	-	21	98	644	168
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	430	-	-	-	-	-	322	108	9	117	139	165
CONSTRUCTION.	7	-	-	-	-	-	-	7	-	7	-	-
MANUFACTURING	17	-	-	-	-	-	-	17	-	-	11	6
WHOLESALE AND RETAIL TRADE.	196	-	-	-	-	-	-	151	45	60	47	89
ALL OTHER INDUSTRIES.	210	-	-	-	-	-	154	56	9	50	81	70
MANAGEMENT RELATED OCCUPATIONS	1 474	1 099	350	145	85	120	25	-	29	162	981	270
ACCOUNTANTS AND AUDITORS.	576	433	130	45	30	55	13	-	10	40	370	136
BUYERS AND PURCHASING AGENTS.	157	140	17	-	6	11	-	-	-	6	111	34
PROFESSIONAL SPECIALTY OCCUPATIONS.	7 659	2 526	4 766	257	590	3 919	346	21	656	1 387	4 354	986
ENGINEERS, ARCHITECTS, AND SURVEYORS	97	73	15	15	-	-	9	-	-	9	59	14
ARCHITECTS.	15	15	-	-	-	-	-	-	-	-	15	-
ENGINEERS	82	58	15	15	-	-	9	-	-	9	44	14
ELECTRICAL AND ELECTRONIC ENGINEERS	12	12	-	-	-	-	-	-	-	-	12	-
MECHANICAL ENGINEERS	8	-	8	8	-	-	-	-	-	-	8	-
OTHER ENGINEERS	62	46	7	7	-	-	9	-	-	9	32	6
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	79	42	37	30	-	7	-	-	-	7	67	-
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	37	24	13	13	-	-	-	-	-	-	37	-
NATURAL SCIENTISTS	69	40	29	23	6	-	-	-	2	6	50	11
HEALTH DIAGNOSING OCCUPATIONS	75	37	30	8	9	13	8	-	-	27	32	16
PHYSICIANS.	56	18	30	8	9	13	8	-	-	27	20	9
DENTISTS.	-	-	-	-	-	-	-	-	-	-	-	-
OTHER HEALTH DIAGNOSING PRACTITIONERS	19	19	-	-	-	-	-	-	-	-	12	7
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	1 456	1 023	390	22	37	331	37	6	58	348	807	164
REGISTERED NURSES	1 179	853	309	18	20	271	11	6	46	305	654	115
PHARMACISTS	60	50	6	-	-	6	4	-	-	12	28	20
THERAPISTS.	167	93	52	4	11	37	22	-	12	31	87	17
TEACHERS, LIBRARIANS, AND COUNSELORS	4 681	772	3 787	49	463	3 275	113	9	455	785	2 672	647
TEACHERS, POSTSECONDARY	251	17	234	-	118	116	-	-	64	43	65	79
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	3 054	521	2 533	31	223	2 279	-	-	211	446	1 893	411
TEACHERS, SECONDARY	721	70	651	-	57	594	-	-	72	90	426	117
SOCIAL SCIENTISTS AND URBAN PLANNERS	61	33	21	11	-	10	7	-	7	5	33	10
SOCIAL AND RECREATION WORKERS	319	52	253	12	34	207	8	6	-	31	255	27
RELIGIOUS WORKERS	74	44	25	14	-	11	5	-	14	11	17	17
LAWYERS AND JUDGES	91	27	43	7	8	28	21	-	-	8	66	17
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	657	383	136	66	33	37	138	-	120	150	296	63
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	30 665	22 228	6 780	1 756	823	4 201	1 146	511	1 730	7 228	17 639	3 358
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	1 652	1 261	364	78	36	250	27	-	21	376	985	209
HEALTH TECHNOLOGISTS AND TECHNICIANS	897	732	145	16	5	124	20	-	7	271	473	100
LICENSED PRACTICAL NURSES	510	426	68	-	-	68	16	-	-	159	261	51
ENGINEERING AND SCIENCE TECHNICIANS	314	270	44	17	-	27	-	-	6	43	244	13
ELECTRICAL AND ELECTRONIC TECHNICIANS	40	35	5	-	-	5	-	-	-	-	35	5
DRAFTING AND SURVEYING TECHNICIANS	110	88	22	8	-	14	-	-	-	19	91	-
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	441	259	175	45	31	99	7	-	8	62	268	96
AIRPLANE PILOTS AND NAVIGATORS	2	2	-	-	-	-	-	-	-	2	-	-
COMPUTER PROGRAMMERS	97	73	24	12	-	12	-	-	-	-	52	45
SALES OCCUPATIONS	8 001	6 878	261	105	22	134	767	95	733	3 041	2 967	977
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	819	526	24	19	-	5	267	2	19	110	393	284
SELF-EMPLOYED	269	-	-	-	-	-	267	2	10	38	126	88
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	773	633	-	-	-	-	131	9	55	193	298	184
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	139	105	8	-	-	8	26	-	-	61	63	15
SALES WORKERS, RETAIL AND PERSONAL SERVICES	6 263	5 607	229	86	22	121	343	84	659	2 670	2 213	494
CASHIERS	2 692	2 418	200	63	22	115	33	41	127	1 087	1 106	233
SALES RELATED OCCUPATIONS	7	7	-	-	-	-	-	-	-	-	-	-

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

BAKERSFIELD, CA SMSA

	PRIV. WAGE TOTAL WORKERS	EMPLOYED PERSONS						PERSONS AT WORK							
		GOVERNMENT WORKERS			SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS			15 TO 34 HOURS			35 TO 40 HOURS		41+ HOURS
		TOTAL	FEDERAL	STATE			LOCAL								
TOTAL															
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	21 012	14 089	6 155	1 573	765	3 817	352	416	976	3 811	13 687	2 172			
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	841	583	244	106	10	128	7	7	6	55	580	184			
COMPUTER EQUIPMENT OPERATORS	412	354	58	38	-	20	-	-	5	17	341	41			
SECRETARIES, STENOGRAPHERS, AND TYPISTS	6 137	3 746	2 278	572	302	1 404	66	47	244	946	4 261	565			
SECRETARIES	4 817	3 310	1 438	377	209	852	22	47	189	717	3 364	450			
RECEPTIONISTS	767	647	93	12	31	50	14	13	55	117	510	85			
FILE CLERKS	259	167	92	14	30	48	-	-	18	97	115	29			
FINANCIAL RECORDS PROCESSING OCCUPATIONS	4 170	3 194	491	120	29	342	200	285	247	845	2 593	432			
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	3 594	2 763	365	75	22	268	181	285	223	784	2 134	400			
TELEPHONE OPERATORS	668	599	69	13	16	40	-	-	10	64	529	44			
MAIL AND MESSAGE DISTRIBUTURING OCCUPATIONS	350	123	221	207	-	14	-	6	29	64	194	45			
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	424	328	90	51	6	33	-	6	-	37	324	58			
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	75	69	6	-	6	-	-	-	-	8	67	-			
BANK TELLERS	785	764	21	21	-	-	-	-	37	208	478	56			
DATA-ENTRY KEYERS	336	277	59	23	6	30	-	-	13	46	238	20			
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	5 788	3 238	2 433	396	329	1 708	65	52	312	1 307	3 457	613			
SERVICE OCCUPATIONS	12 745	9 132	2 695	249	375	2 071	865	53	1 328	4 827	5 016	1 102			
PRIVATE HOUSEHOLD OCCUPATIONS	970	963	-	-	-	-	7	-	239	366	279	73			
PROTECTIVE SERVICE OCCUPATIONS	349	149	200	16	29	155	-	-	11	85	202	38			
FIREFIGHTING OCCUPATIONS	15	-	15	-	-	15	-	-	-	-	15	-			
POLICE AND DETECTIVES, PUBLIC SERVICE	16	-	16	-	16	-	-	-	-	-	16	-			
GUARDS	217	136	81	16	7	58	-	-	11	75	112	12			
OTHER PROTECTIVE SERVICE OCCUPATIONS	101	13	88	-	22	66	-	-	-	10	59	26			
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	11 426	8 020	2 495	233	346	1 916	858	53	1 078	4 376	4 535	991			
FOOD PREPARATION AND SERVICE OCCUPATIONS	5 348	4 488	701	88	69	544	136	23	591	2 346	1 809	422			
WAITERS AND FOOD COUNTER WORKERS	2 613	2 528	34	27	7	45	6	293	1 232	829	156				
COOKS	1 562	1 162	329	34	24	271	54	17	124	645	575	163			
HEALTH SERVICE OCCUPATIONS	2 170	1 854	274	36	31	207	31	11	88	451	1 261	261			
NURSING AIDS, ORDERLIES, AND ATTENDANTS	1 432	1 149	252	30	31	191	31	-	58	268	831	176			
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	1 402	927	384	27	70	287	79	12	173	488	606	66			
PERSONAL SERVICE OCCUPATIONS	2 506	751	1 136	82	176	878	612	7	226	1 091	859	242			
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	836	449	13	6	-	7	367	7	32	331	356	82			
FARMING, FORESTRY, AND FISHING OCCUPATIONS	3 457	3 117	116	33	27	56	185	39	182	829	1 279	992			
FARM OPERATORS AND MANAGERS	290	132	-	-	-	-	158	-	6	52	109	104			
FARM OCCUPATIONS, EXCEPT MANAGERIAL	2 395	2 324	40	8	11	21	-	31	140	543	838	737			
RELATED AGRICULTURAL OCCUPATIONS	732	654	51	-	16	35	27	-	36	227	307	143			
FORESTRY AND FISHING OCCUPATIONS	40	7	25	-	-	-	8	-	7	25	25	8			
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	848	673	38	10	16	12	137	-	63	152	480	128			
MECHANICS AND REPAIRERS	204	163	22	10	-	12	19	-	-	20	128	43			
AUTOMOBILE MECHANICS, INCLUDING BODY	39	14	6	-	6	19	-	-	-	13	26	-			
AIRCRAFT MECHANICS	3	-	3	3	-	-	-	-	-	-	3	-			
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-			
OTHER MECHANICS AND REPAIRERS	162	149	13	7	-	6	-	-	-	7	99	43			
CONSTRUCTION TRADES	167	92	-	-	-	-	75	-	39	37	82	5			
CARPENTERS	39	7	-	-	-	-	32	-	-	26	13	-			
ELECTRICIANS	7	7	-	-	-	-	-	-	-	-	7	-			
PAINTERS, CONSTRUCTION AND MAINTENANCE	27	16	-	-	-	-	11	-	22	5	-	-			
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	-	-	-	-	-	-	-	-	-	-	-	-			
OTHER CONSTRUCTION TRADES	94	62	-	-	-	-	32	-	17	6	62	5			
EXTRACTIVE OCCUPATIONS	82	82	-	-	-	-	-	-	6	9	43	16			
PRECISION PRODUCTION OCCUPATIONS	395	336	16	-	16	-	43	-	18	86	227	64			
SUPERVISORS, PRODUCTION OCCUPATIONS	137	116	-	-	-	-	21	-	-	15	77	45			
MANUFACTURING	36	24	-	-	-	-	12	-	-	7	17	12			
PRECISION METALWORKING OCCUPATIONS	10	10	-	-	-	-	-	-	-	-	10	-			
TOOL AND DIE MAKERS	-	-	-	-	-	-	-	-	-	-	-	-			
MACHINISTS	-	-	-	-	-	-	-	-	-	-	-	-			
SHEET METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-			
OTHER PRECISION METAL WORKERS	10	10	-	-	-	-	-	-	-	-	-	10	-		
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	67	45	-	-	-	-	22	-	-	7	34	26	-		
PLANT AND SYSTEM OPERATORS	27	15	12	-	12	-	-	-	-	-	-	21	6		
OTHER PRECISION PRODUCTION OCCUPATIONS	154	150	4	-	4	-	-	-	11	37	93	13			

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

BAKERSFIELD, CA SMSA	EMPLOYED PERSONS							PERSONS AT WORK			
	PRIV. WAGE AND SALARY TOTAL	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS			41+ HOURS	
		TOTAL	FEDERAL	STATE			LOCAL	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS	
TOTAL											
OPERATORS, FABRICATORS, AND LABORERS . . .	3 111	2 721	297	42	22	233	74	19	162	618	1 729
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS . . .	1 424	1 297	76	21	9	46	45	6	61	246	849
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION, METALWORKING AND PLASTIC WORKING . . .	929	823	55	5	4	46	45	6	40	154	554
MACHINE OPERATORS . . .	11	11	-	-	-	-	-	-	-	11	-
PRINTING MACHINE OPERATORS . . .	61	39	13	-	4	9	9	-	12	2	29
TEXTILE, APPAREL, AND FURNISHINGS . . .	522	458	28	5	-	23	30	6	18	102	303
MACHINE OPERATORS . . .	28	28	-	-	-	-	-	-	-	-	24
TEXTILE SEWING MACHINE OPERATORS . . .	257	221	8	-	-	8	28	-	9	27	168
LAUNDERING AND DRYCLEANING . . .	182	154	20	5	-	15	2	6	-	61	99
MACHINE OPERATORS . . .	176	162	14	-	-	14	-	-	10	29	103
OTHER SPECIFIED MACHINE OPERATORS . . .	159	153	-	-	-	-	6	-	-	21	108
MISCELLANEOUS AND NOT SPECIFIED . . .											21
MACHINE OPERATORS . . .											
OCCUPATION:											
MISCELLANEOUS MACHINE OPERATORS, N.E.C. . .	73	67	-	-	-	-	6	-	-	14	48
MACHINE OPERATORS, NOT SPECIFIED . . .	86	86	-	-	-	-	-	-	7	60	10
INDUSTRY:											
MANUFACTURING . . .	122	122	-	-	-	-	-	-	-	13	95
NONDURABLE GOODS . . .	72	72	-	-	-	-	-	-	6	57	-
FOOD AND KINDRED PRODUCTS . . .	-	-	-	-	-	-	-	-	-	-	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS . . .	6	6	-	-	-	-	-	-	-	6	-
PAPER AND ALLIED PRODUCTS . . .	9	9	-	-	-	-	-	-	-	-	-
OTHER NONDURABLE GOODS . . .	57	57	-	-	-	-	-	-	6	51	-
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG . . .	50	50	-	-	-	-	-	-	7	38	5
METAL INDUSTRIES . . .	-	-	-	-	-	-	-	-	-	-	-
MACHINERY, INCLUDING ELECTRICAL EQUIPMENT . . .	7	7	-	-	-	-	-	-	-	7	-
TRANSPORTATION EQUIPMENT . . .	11	11	-	-	-	-	-	-	-	11	-
OTHER DURABLE GOODS . . .	32	32	-	-	-	-	-	-	7	20	5
NONMANUFACTURING INDUSTRIES . . .	37	31	-	-	-	-	6	-	8	13	16
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES . . .	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE . . .	23	17	-	-	-	-	6	-	-	7	16
ALL OTHER INDUSTRIES . . .	14	14	-	-	-	-	-	-	8	6	-
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS . . .	201	185	16	11	5	-	-	-	10	34	110
WELDERS AND CUTTERS . . .	9	4	5	-	5	-	-	-	5	-	4
ASSEMBLERS . . .	187	181	6	6	-	-	-	-	10	29	110
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS . . .	5	-	5	5	-	-	-	-	-	-	5
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS . . .	294	289	5	5	-	-	-	-	11	58	185
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS . . .	552	372	173	6	-	167	7	-	16	77	315
MOTOR VEHICLE OPERATORS . . .	499	319	173	6	-	167	7	-	16	77	283
TRUCK DRIVERS AND DRIVER-SALES WORKERS . . .	225	198	20	-	-	20	7	-	-	31	123
BUS DRIVERS . . .	220	67	153	6	-	147	-	-	9	33	137
RAIL AND WATER TRANSPORTATION OCCUPATIONS . . .	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS . . .	53	53	-	-	-	-	-	-	-	-	32
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS . . .	-	-	-	-	-	-	-	-	-	-	5
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS . . .	1 135	1 052	48	15	13	20	22	13	85	295	565
CONSTRUCTION LABORERS . . .	102	102	-	-	-	-	-	-	33	50	14
FREIGHT, STOCK, AND MATERIAL HANDLERS . . .	283	273	10	4	6	-	-	-	34	78	136
GARAGE AND SERVICE STATION RELATED OCCUPATIONS . . .	32	20	5	5	-	-	7	-	20	12	-
HAND PACKERS AND PACKAGERS . . .	347	347	-	-	-	-	-	-	6	95	202
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS . . .	79	60	6	6	-	-	-	13	8	27	22
LABORERS, EXCEPT CONSTRUCTION . . .	292	250	27	-	7	20	15	-	37	42	143
MANUFACTURING . . .	54	54	-	-	-	-	-	-	-	4	34
NONDURABLE GOODS . . .	25	25	-	-	-	-	-	-	-	4	13
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG . . .	29	29	-	-	-	-	-	-	-	-	21
METAL INDUSTRIES . . .	5	5	-	-	-	-	-	-	-	-	5
NONMANUFACTURING INDUSTRIES . . .	238	196	27	-	7	20	15	-	37	38	109
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES . . .	15	9	6	-	-	6	-	-	21	-	15
WHOLESALE AND RETAIL TRADE . . .	153	128	10	-	-	10	15	-	21	24	70
ALL OTHER INDUSTRIES . . .	70	59	11	-	7	4	-	-	16	14	24

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

BAKERSFIELD, CA SMSA	EMPLOYED PERSONS								PERSONS AT WORK				
	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS		15 TO 34 HOURS		35 TO 40 HOURS		41+ HOURS
		TOTAL	FEDERAL	STATE			LOCAL						
SPANISH ORIGIN													
MALES 16 YEARS AND OVER	19 413	16 156	2 265	597	402	1 266	920	72	767	1 851	8 315	7 802	
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	1 338	725	432	80	95	257	181	-	22	109	680	501	
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	757	493	132	27	52	53	132	-	22	26	347	336	
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	35	-	35	4	15	16	-	-	-	-	31	4	
MANAGEMENT RELATED OCCUPATIONS	202	122	64	14	37	13	16	-	-	-	119	83	
PROFESSIONAL SPECIALTY OCCUPATIONS	581	232	300	53	43	204	49	-	-	-	333	165	
ENGINEERS AND NATURAL SCIENTISTS	102	58	39	34	-	5	5	-	-	-	85	17	
ENGINEERS	40	28	12	7	-	5	-	-	-	-	40	-	
HEALTH DIAGNOSING OCCUPATIONS	20	6	10	-	-	10	4	-	-	-	11	5	
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	18	18	-	-	-	-	-	-	-	-	17	-	
TEACHERS, LIBRARIANS, AND COUNSELORS	175	17	158	13	25	120	-	-	-	-	91	51	
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	129	13	116	-	8	108	-	-	-	-	73	47	
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1 625	1 052	476	286	62	128	92	5	45	142	836	586	
HEALTH TECHNOLOGISTS AND TECHNICIANS	18	18	-	-	-	-	-	-	-	-	11	7	
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	194	104	81	53	13	15	9	-	-	-	131	55	
SALES OCCUPATIONS	729	631	10	2	-	8	83	5	28	97	252	352	
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	186	133	2	2	-	-	51	-	13	4	35	134	
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	137	127	-	-	-	-	10	-	-	-	64	56	
OTHER SALES OCCUPATIONS	406	371	8	-	-	8	22	5	15	76	153	162	
CASHIERS	112	112	-	-	-	-	-	-	8	25	59	20	
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	684	299	385	231	49	105	-	-	17	41	442	172	
COMPUTER EQUIPMENT OPERATORS	12	-	12	3	-	9	-	-	-	3	9	-	
SECRETARIES, STENOGRAPHERS, AND TYPISTS	28	-	28	22	-	6	-	-	-	-	22	6	
FINANCIAL RECORDS PROCESSING OCCUPATIONS	32	22	10	-	10	-	-	-	-	-	25	7	
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	197	19	178	169	-	9	-	-	-	-	135	62	
SERVICE OCCUPATIONS	1 672	995	603	90	131	382	74	-	128	280	817	390	
PRIVATE HOUSEHOLD OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	
PROTECTIVE SERVICE OCCUPATIONS	243	17	218	42	50	126	8	-	-	-	155	84	
POLICE AND FIREFIGHTERS	127	-	127	31	9	87	-	-	-	-	46	55	
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	1 429	978	385	48	81	256	66	-	128	276	662	306	
FOOD SERVICE OCCUPATIONS	534	493	24	12	-	12	17	-	36	172	197	101	
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	744	416	319	27	68	224	9	-	76	88	402	156	
FARMING, FORESTRY, AND FISHING OCCUPATIONS	7 696	7 167	236	23	25	188	242	51	343	633	2 359	4 106	
FARM OPERATORS AND MANAGERS	193	73	-	-	-	-	120	7	24	51	111	-	
FARM WORKERS AND RELATED OCCUPATIONS	7 493	7 094	226	13	25	188	122	51	336	609	2 298	3 995	
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	2 798	2 412	171	62	26	83	215	-	68	249	1 473	915	
MECHANICS AND REPAIRERS	990	870	76	26	21	29	44	-	20	58	549	348	
CONSTRUCTION TRADES	1 017	816	55	21	5	29	146	-	31	152	527	261	
PRECISION PRODUCTION OCCUPATIONS	606	549	36	15	-	21	21	-	12	28	318	216	
OPERATORS, FABRICATORS, AND LABORERS	4 284	3 805	347	56	63	228	116	16	161	438	2 150	1 304	
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	871	784	58	30	-	28	29	-	6	54	497	279	
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	501	453	29	9	13	7	19	-	-	28	311	149	
TRANSPORTATION OCCUPATIONS	721	612	61	-	14	47	48	-	36	74	295	287	
MOTOR VEHICLE OPERATORS	683	574	61	-	14	47	48	-	28	74	278	274	
MATERIAL MOVING EQUIPMENT OPERATORS	468	424	44	-	22	22	-	-	4	48	242	138	
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 723	1 532	155	17	14	124	20	16	115	234	805	451	
CONSTRUCTION LABORERS	608	552	56	6	-	50	-	-	39	54	269	170	
FREIGHT, STOCK, AND MATERIAL HANDLERS	330	269	46	5	-	41	8	7	23	76	137	94	

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

BAKERSFIELD, CA SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS					
		TOTAL	FEDERAL	STATE			LOCAL	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS		
SPANISH ORIGIN												
FEMALES 16 YEARS AND OVER	10 332	7 681	2 295	336	419	1 540	279	77	677	2 572	5 124	1 524
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	969	433	431	47	91	293	83	22	77	197	543	123
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	405	250	71	26	19	26	71	13	17	51	243	90
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	-	-	-	-	-	-	-	-	-	-	-	-
MANAGEMENT RELATED OCCUPATIONS	88	73	10	7	3	-	5	-	-	25	52	11
PROFESSIONAL SPECIALTY OCCUPATIONS	564	183	360	21	72	267	12	9	60	146	300	33
ENGINEERS AND NATURAL SCIENTISTS	12	10	2	-	-	2	-	-	-	2	10	-
ENGINEERS	4	4	-	-	-	-	-	-	-	-	4	-
HEALTH DIAGNOSING OCCUPATIONS	11	5	6	-	-	6	-	-	-	5	6	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	130	104	26	-	7	19	-	-	-	39	80	1
TEACHERS, LIBRARIANS, AND COUNSELORS	306	46	251	16	34	201	-	9	46	84	141	25
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	206	33	173	12	14	147	-	-	27	53	103	13
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS												
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	3 907	2 652	1 152	195	185	772	67	36	202	914	2 320	370
SALES OCCUPATIONS	113	99	14	-	-	14	-	-	-	5	101	7
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	63	52	11	4	-	7	-	-	-	10	46	7
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	1 050	924	79	18	-	61	32	15	105	371	412	111
OTHER SALES OCCUPATIONS	31	31	-	-	-	-	-	-	-	-	21	10
CASHIERS	961	845	69	8	-	61	32	15	105	371	365	75
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	517	434	61	-	-	61	7	15	8	211	216	46
COMPUTER EQUIPMENT OPERATORS	2 681	1 577	1 048	173	185	690	35	21	97	528	1 761	245
SECRETARIES, STENOGRAPHERS, AND TYPISTS	29	29	-	-	-	-	-	-	11	18	-	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	756	325	423	67	92	264	-	8	30	127	538	52
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	267	230	26	-	6	20	4	7	6	42	201	18
15	-	15	7	-	8	-	-	-	-	-	15	-
SERVICE OCCUPATIONS	2 158	1 424	637	83	118	436	89	8	235	789	873	177
PRIVATE HOUSEHOLD OCCUPATIONS	152	152	-	-	-	-	-	-	45	49	55	5
PROTECTIVE SERVICE OCCUPATIONS	53	23	30	-	11	19	-	-	11	20	16	-
POLICE AND FIREFIGHTERS	-	-	-	-	-	-	-	-	-	-	-	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	1 953	1 249	607	83	107	417	89	8	181	720	802	172
FOOD SERVICE OCCUPATIONS	733	580	124	5	5	114	21	8	83	329	213	73
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	321	231	84	4	22	58	6	-	45	72	169	25
FARMING, FORESTRY, AND FISHING OCCUPATIONS	2 293	2 243	16	-	16	-	23	11	108	513	834	699
FARM OPERATORS AND MANAGERS	28	5	-	-	-	-	23	-	-	-	21	7
FARM WORKERS AND RELATED OCCUPATIONS	2 265	2 238	16	-	16	-	-	11	108	513	813	692
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	125	110	4	-	4	-	11	-	25	9	74	10
MECHANICS AND REPAIRERS	35	35	-	-	-	-	-	-	-	-	18	10
CONSTRUCTION TRADES	15	4	-	-	-	-	11	-	11	-	4	-
PRECISION PRODUCTION OCCUPATIONS	56	52	4	-	4	-	-	-	8	9	39	-
OPERATORS, FABRICATORS, AND LABORERS	880	819	55	11	5	39	6	-	30	150	480	145
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	274	250	18	5	-	13	6	-	5	47	164	35
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	135	124	11	6	5	-	-	-	3	13	80	15
TRANSPORTATION OCCUPATIONS	35	19	16	-	-	16	-	-	-	-	24	11
MOTOR VEHICLE OPERATORS	35	19	16	-	-	16	-	-	-	-	24	11
MATERIAL MOVING EQUIPMENT OPERATORS	25	25	-	-	-	-	-	-	-	-	10	5
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	411	401	10	-	-	10	-	-	22	90	202	79
CONSTRUCTION LABORERS	69	69	-	-	-	-	-	-	2	18	37	14
FREIGHT, STOCK, AND MATERIAL HANDLERS	61	61	-	-	-	-	-	-	-	25	29	7

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

FRESNO, CA SMSA

	PRIV. WAGE AND SALARY WORKERS	EMPLOYED PERSONS							PERSONS AT WORK			
		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS			15 TO 34 HOURS		
		TOTAL	FEDERAL	STATE			LOCAL				35 TO 40 HOURS	41+ HOURS
TOTAL												
MALES 16 YEARS AND OVER	126 980	93 030	19 590	4 314	3 921	11 355	13 852	508	4 427	13 910	61 786	43 490
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	26 054	14 506	8 220	1 256	2 087	4 877	3 269	59	716	1 588	12 678	10 630
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	14 369	9 734	2 854	906	642	1 306	1 730	51	152	702	6 829	6 457
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	395	-	395	83	112	200	-	-	5	-	291	99
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	581	93	478	4	135	339	-	10	10	19	282	260
MANAGERS, MEDICINE AND HEALTH	87	73	5	5	-	-	9	-	-	5	32	50
OTHER SPECIFIED MANAGERS	2 532	2 296	85	34	18	33	139	12	15	125	1 159	1 185
MANAGERS AND ADMINISTRATORS, N.E.C.	5 855	5 255	600	150	148	302	-	-	56	264	2 556	2 891
SALARIED	1 156	1 156	-	-	-	-	-	-	7	35	476	610
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	623	568	55	-	7	48	-	-	-	8	308	291
WHOLESALE AND RETAIL TRADE	1 608	1 601	7	-	7	-	-	-	17	81	503	970
ALL OTHER INDUSTRIES	2 468	1 930	538	150	134	254	-	-	32	140	1 269	1 020
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	1 223	-	-	-	-	-	1 204	19	35	88	377	723
CONSTRUCTION	185	-	-	-	-	-	185	-	8	30	70	77
MANUFACTURING	169	-	-	-	-	-	169	-	-	4	68	97
WHOLESALE AND RETAIL TRADE	473	-	-	-	-	-	473	-	27	14	112	320
ALL OTHER INDUSTRIES	396	-	-	-	-	-	377	19	-	40	127	229
MANAGEMENT RELATED OCCUPATIONS	3 696	2 017	1 291	630	229	432	378	10	31	201	2 132	1 249
ACCOUNTANTS AND AUDITORS	1 448	780	489	365	24	100	173	6	31	759	548	121
BUYERS AND PURCHASING AGENTS	418	373	24	-	-	24	21	-	10	-	273	-
PROFESSIONAL SPECIALTY OCCUPATIONS	11 685	4 772	5 366	350	1 445	3 571	1 539	8	564	886	5 849	4 173
ENGINEERS, ARCHITECTS, AND SURVEYORS	1 398	859	374	54	131	189	165	-	30	42	868	437
ARCHITECTS	154	66	-	-	-	-	88	-	-	12	69	73
ENGINEERS	1 177	751	349	54	131	164	77	-	30	24	755	347
ELECTRICAL AND ELECTRONIC ENGINEERS	220	191	29	7	18	4	-	-	-	-	155	57
MECHANICAL ENGINEERS	108	108	-	-	-	-	-	-	-	-	19	89
OTHER ENGINEERS	849	452	320	47	113	160	77	-	30	24	581	201
SURVEYORS AND MAPPING SCIENTISTS	67	42	25	-	-	25	-	-	-	6	44	17
MATHEMATICAL AND COMPUTER SCIENTISTS	82	46	27	5	-	22	9	-	-	-	43	39
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	37	21	7	-	-	7	9	-	-	-	11	26
NATURAL SCIENTISTS	1 425	201	213	70	100	43	11	-	7	15	257	146
HEALTH DIAGNOSING OCCUPATIONS	1 281	679	148	43	13	92	454	-	22	82	363	794
PHYSICIANS	907	523	148	43	13	92	236	-	6	12	216	653
DENTISTS	227	81	-	-	-	-	146	-	9	49	108	61
OTHER HEALTH DIAGNOSING PRACTITIONERS	147	75	-	-	-	-	72	-	7	21	39	80
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	681	438	183	24	15	144	60	-	31	66	297	254
REGISTERED NURSES	156	81	75	13	-	62	-	-	20	13	113	10
PHARMACISTS	200	137	27	-	-	27	36	-	7	16	65	103
THERAPISTS	187	111	52	11	8	33	24	-	-	26	71	68
TEACHERS, LIBRARIANS, AND COUNSELORS	3 982	492	3 407	22	1 026	2 359	83	-	240	244	2 259	1 168
TEACHERS, POSTSECONDARY	918	93	825	14	607	204	-	-	93	52	464	264
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	1 734	181	1 553	-	205	1 348	-	-	66	82	1 103	483
TEACHERS, SECONDARY	730	53	677	-	75	602	-	-	44	41	380	253
SOCIAL SCIENTISTS AND URBAN PLANNERS	265	144	102	-	18	84	19	-	8	10	184	54
SOCIAL AND RECREATION WORKERS	738	173	570	81	38	451	13	2	54	89	494	99
RELIGIOUS WORKERS	691	575	11	11	-	-	105	-	7	34	239	401
LAWYERS AND JUDGES	817	269	202	22	53	127	346	-	14	59	333	405
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 305	896	129	18	51	60	274	6	151	245	512	376
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	23 733	17 748	3 370	1 940	460	970	2 515	100	624	2 721	11 982	8 097
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	2 641	1 794	740	239	168	333	95	12	43	289	1 576	694
HEALTH TECHNOLOGISTS AND TECHNICIANS	463	264	182	30	13	139	10	7	5	53	265	134
LICENSED PRACTICAL NURSES	44	19	25	-	-	25	-	-	-	-	30	14
ENGINEERING AND SCIENCE TECHNICIANS	1 301	928	296	96	82	118	72	5	23	162	823	272
ELECTRICAL AND ELECTRONIC TECHNICIANS	182	101	77	57	20	-	4	-	-	-	130	45
DRAFTING AND SURVEYING TECHNICIANS	579	473	69	11	12	46	37	-	7	107	365	97
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	877	602	262	113	73	76	13	-	15	74	488	288
AIRPLANE PILOTS AND NAVIGATORS	170	163	7	-	-	-	-	-	5	37	78	44
COMPUTER PROGRAMMERS	231	119	99	24	26	49	13	-	6	13	139	67
SALES OCCUPATIONS	13 981	11 502	115	22	39	54	2 290	74	351	1 714	6 162	5 586
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	3 067	2 109	9	4	5	-	934	15	15	114	1 105	1 788
SELF-EMPLOYED	949	-	-	-	-	-	934	15	10	64	241	613
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	3 271	2 459	74	5	27	42	731	7	73	249	1 572	1 348
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	2 721	2 456	-	-	-	-	242	23	26	132	1 416	1 117
SALES WORKERS, RETAIL AND PERSONAL SERVICES	4 908	4 478	32	13	7	12	369	29	237	1 212	2 069	1 326
CASHIERS	935	896	19	-	7	12	7	13	62	409	321	135
SALES RELATED OCCUPATIONS	14	-	-	-	-	-	14	-	7	-	-	7

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

(DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B.)

FRESNO, CA SMSA	EMPLOYED PERSONS										PERSONS AT WORK					
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS					1 TO 14 HOURS				
		TOTAL	FEDERAL	STATE			1	TO	14	15	TO	34	35	TO	40	41+ HOURS
TOTAL																
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	7 111	4 452	2 515	1 679	253	583	130	14	230	718	4 244	1 817				
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	985	558	421	223	93	105	6	-	6	33	642	289				
COMPUTER EQUIPMENT OPERATORS	192	92	93	51	7	35	7	-	-	12	141	39				
SECRETARIES, STENOGRAPHERS, AND TYPISTS	181	119	55	4	-	51	7	-	7	37	88	49				
SECRETARIES	119	94	25	4	-	21	-	-	7	25	57	30				
RECEPTIONISTS	37	19	18	-	-	18	-	-	-	-	32	5				
FILE CLERKS	99	40	59	50	-	9	-	-	20	29	50	-				
FINANCIAL RECORDS PROCESSING OCCUPATIONS	539	393	88	33	20	35	50	8	11	137	240	144				
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	419	329	37	14	4	19	45	8	6	106	188	117				
TELEPHONE OPERATORS	112	106	-	-	-	-	6	-	-	22	76	14				
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 183	142	1 035	1 030	-	5	6	-	25	58	632	461				
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	1 140	1 063	71	20	27	24	-	6	63	134	680	250				
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	226	206	-	-	-	-	20	-	-	33	128	65				
BANK TELLERS	80	80	-	-	-	-	-	-	-	30	48	2				
DATA-ENTRY KEYERS	26	14	12	7	-	5	-	-	-	-	19	7				
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	2 311	1 620	663	261	106	296	28	-	98	193	1 468	492				
SERVICE OCCUPATIONS	11 678	6 846	4 194	378	707	3 109	619	19	836	2 605	5 529	2 400				
PRIVATE HOUSEHOLD OCCUPATIONS	36	36	-	-	-	-	-	-	-	17	7	6				
PROTECTIVE SERVICE OCCUPATIONS	2 677	667	1 976	118	332	1 526	34	-	77	282	1 330	909				
FIREFIGHTING OCCUPATIONS	444	-	444	33	82	329	-	-	-	5	59	359				
POLICE AND DETECTIVES, PUBLIC SERVICE	707	-	707	23	125	559	-	-	7	15	469	216				
GUARDS	944	654	256	6	45	205	34	-	65	256	421	158				
OTHER PROTECTIVE SERVICE OCCUPATIONS	582	13	569	56	80	433	-	-	5	6	381	176				
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	8 965	6 143	2 218	260	375	1 583	585	19	759	2 306	4 192	1 485				
FOOD PREPARATION AND SERVICE OCCUPATIONS	3 388	3 076	183	36	7	140	115	14	321	1 257	1 185	553				
WAITERS AND FOOD COUNTER WORKERS	380	380	-	-	-	-	-	-	52	219	52	50				
COOKS	1 296	1 167	61	-	-	61	68	-	98	392	548	234				
HEALTH SERVICE OCCUPATIONS	479	329	127	26	6	95	23	-	2	124	264	75				
NURSING AIDES, ORDERLIES, AND ATTENDANTS	362	249	90	24	6	60	23	-	-	72	233	43				
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	4 356	2 477	1 669	177	313	1 179	205	5	377	764	2 454	630				
PERSONAL SERVICE OCCUPATIONS	742	261	239	21	49	169	242	-	59	161	289	227				
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	320	95	7	7	-	-	218	-	8	30	123	159				
FARMING, FORESTRY, AND FISHING OCCUPATIONS	17 643	12 983	722	41	199	482	3 730	208	1 013	1 900	5 060	8 930				
FARM OPERATORS AND MANAGERS	4 077	926	7	-	7	-	3 144	-	200	524	940	2 368				
FARM OCCUPATIONS, EXCEPT MANAGERIAL	11 468	11 111	138	-	43	95	23	-	580	1 120	3 094	6 065				
RELATED AGRICULTURAL OCCUPATIONS	1 962	933	503	29	121	353	514	12	233	240	934	485				
FORESTRY AND FISHING OCCUPATIONS	136	13	74	12	28	34	49	-	-	16	92	12				
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	23 215	18 969	1 446	403	286	757	2 754	46	431	2 076	13 519	6 393				
MECHANICS AND REPAIRERS	8 175	6 719	666	263	113	290	768	22	149	553	4 616	2 556				
AUTOMOBILE MECHANICS, INCLUDING BODY	2 856	2 335	145	26	39	80	368	8	53	244	1 625	856				
AIRCRAFT MECHANICS	160	55	99	99	-	-	6	-	6	10	113	51				
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	335	279	20	8	-	12	36	-	5	55	203	69				
OTHER MECHANICS AND REPAIRERS	4 824	4 050	402	130	74	198	358	14	85	244	2 675	1 600				
CONSTRUCTION TRADES	9 098	6 945	440	49	123	268	1 704	9	207	1 207	5 495	1 904				
CARPENTERS	1 965	1 653	83	8	13	62	229	-	60	274	1 186	360				
ELECTRICIANS	1 001	817	74	17	22	35	110	-	23	120	637	173				
PAINTERS, CONSTRUCTION AND MAINTENANCE	695	440	29	-	6	23	226	-	33	156	424	76				
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	756	562	75	9	27	39	119	-	8	43	522	129				
OTHER CONSTRUCTION TRADES	4 681	3 473	179	15	55	109	1 020	9	83	614	2 726	1 166				
EXTRACTIVE OCCUPATIONS	178	172	-	-	-	6	-	-	29	94	38	38				
PRECISION PRODUCTION OCCUPATIONS	5 764	5 133	340	91	50	199	274	15	75	287	3 314	1 895				
SUPERVISORS, PRODUCTION OCCUPATIONS	2 827	2 568	196	52	16	128	50	13	21	100	1 499	1 129				
MANUFACTURING	1 397	1 349	19	7	-	12	29	-	21	32	685	627				
PRECISION METALWORKING OCCUPATIONS	875	825	20	5	-	15	30	-	12	60	566	216				
TOOL AND DIE MAKERS	85	74	5	5	-	-	6	-	-	6	73	6				
MACHINISTS	544	518	15	-	-	15	11	-	6	25	356	145				
SHEET METAL WORKERS	92	92	-	-	-	-	-	-	-	11	52	20				
OTHER PRECISION METAL WORKERS	154	141	-	-	-	-	13	-	6	18	85	45				
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	282	212	6	-	-	6	64	-	7	27	174	67				
PLANT AND SYSTEM OPERATORS	304	218	73	21	17	35	13	-	7	7	188	85				
OTHER PRECISION PRODUCTION OCCUPATIONS	1 476	1 310	45	13	17	15	119	2	28	93	887	398				

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B1

FRESNO, CA SMSA	EMPLOYED PERSONS								PERSONS AT WORK								
	PRIV. WAGE TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS			15 TO 34 HOURS			35 TO 40 HOURS			41+ HOURS	
		TOTAL	FEDERAL	STATE			LOCAL										
TOTAL																	
OPERATORS, FABRICATORS, AND LABORERS	24 657	21 978	1 638	296	182	1 160	965	76	807	3 020	13 018	7 040					
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	8 239	7 583	341	84	71	186	289	26	199	719	5 329	1 792					
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	4 580	4 236	192	43	40	109	140	12	113	425	3 018	914					
METALWORKING AND PLASTIC WORKING	436	421	-	-	-	-	15	-	13	65	279	74					
PRINTING MACHINE OPERATORS	354	311	5	-	-	5	38	-	24	36	203	78					
TEXTILE APPAREL, AND FURNISHINGS	278	228	8	-	-	8	37	5	10	54	155	46					
MACHINE OPERATORS	68	63	-	-	-	-	-	5	-	23	31	7					
TEXTILE MACHINE OPERATORS	48	48	-	-	-	-	-	-	-	9	30	9					
TEXTILE SEWING MACHINE OPERATORS																	
LAUNDERING AND DRYCLEANING																	
MACHINE OPERATORS	140	95	8	-	-	8	37	-	10	7	87	30					
OTHER SPECIFIED MACHINE OPERATORS	1 685	1 544	84	20	19	45	50	7	58	145	1 127	326					
MISCELLANEOUS AND NOT SPECIFIED																	
MACHINE OPERATORS	1 827	1 732	95	23	21	51	-	-	8	125	1 254	390					
OCCUPATIONS:																	
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	789	762	27	13	6	8	-	-	-	51	572	139					
MACHINE OPERATORS, NOT SPECIFIED	1 038	970	68	10	15	43	-	-	8	74	682	251					
INDUSTRY:																	
MANUFACTURING	1 210	1 195	15	-	8	7	-	-	-	94	831	253					
NONDURABLE GOODS	618	618	-	-	-	-	-	-	-	33	423	146					
FOOD AND KINDRED PRODUCTS	370	370	-	-	-	-	-	-	-	7	291	62					
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	19	19	-	-	-	-	-	-	-	4	-	15					
PAPER AND ALLIED PRODUCTS	67	67	-	-	-	-	-	-	-	-	38	23					
OTHER NONDURABLE GOODS	162	162	-	-	-	-	-	-	-	22	94	46					
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	592	577	15	-	8	7	-	-	-	61	408	107					
METAL INDUSTRIES	112	112	-	-	-	-	-	-	-	19	78	15					
MACHINERY, INCLUDING ELECTRICAL	174	174	-	-	-	-	-	-	-	19	123	32					
TRANSPORTATION EQUIPMENT	27	27	-	-	-	-	-	-	-	-	27						
OTHER DURABLE GOODS	279	264	15	-	8	7	-	-	-	23	180	60					
NONMANUFACTURING INDUSTRIES	617	537	80	23	13	44	-	-	8	31	423	137					
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	112	89	23	10	-	13	-	-	-	-	89	23					
WHOLESALE AND RETAIL TRADE	205	205	-	-	-	-	-	-	-	13	150	31					
ALL OTHER INDUSTRIES	300	243	57	13	13	31	-	-	8	18	184	83					
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	3 136	2 901	72	13	18	41	149	14	66	259	1 955	784					
WELDERS AND CUTTERS	1 737	1 599	39	12	7	20	93	6	18	120	1 028	519					
ASSEMBLERS	1 301	1 239	33	1	11	21	21	8	48	129	865	239					
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	98	63	-	-	-	-	35	-	-	10	62	26					
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	523	446	77	28	13	36	-	-	20	35	356	94					
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	9 588	8 104	944	145	84	715	512	28	214	888	4 457	3 742					
MOTOR VEHICLE OPERATORS	6 740	5 625	652	87	49	516	444	19	166	669	2 900	2 798					
TRUCK DRIVERS AND DRIVER-SALES WORKERS	5 894	5 174	274	65	15	194	427	19	124	565	2 553	2 461					
BUS DRIVERS	486	179	307	8	21	278	-	-	23	48	215	191					
RAIL AND WATER TRANSPORTATION OCCUPATIONS	412	374	38	38	-	-	-	-	-	53	221	112					
MATERIAL MOVING EQUIPMENT OPERATORS	2 436	2 105	254	20	35	199	68	9	48	166	1 336	832					
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	279	202	31	-	-	31	46	-	-	33	158	88					
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	6 830	6 291	353	67	27	259	164	22	394	1 413	3 232	1 506					
CONSTRUCTION LABORERS	1 531	1 433	92	14	6	72	-	6	47	279	3 762	1 367					
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 975	1 872	98	18	-	80	5	-	210	594	808	296					
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	535	482	10	10	-	-	43	-	25	158	187	154					
HAND PACKERS AND PACKAGERS	292	272	20	-	-	20	-	-	5	67	155	51					
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	560	498	12	-	6	6	34	16	42	135	232	122					
LABORERS, EXCEPT CONSTRUCTION	1 937	1 734	121	25	15	81	82	-	65	180	1 088	516					
MANUFACTURING	575	563	7	-	-	7	5	-	14	55	343	142					
NONDURABLE GOODS	308	308	-	-	-	-	-	-	8	30	170	92					
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	267	255	7	-	-	7	5	-	6	25	173	50					
METAL INDUSTRIES	42	42	-	-	-	-	-	-	-	8	15	16					
NONMANUFACTURING INDUSTRIES	1 362	1 171	114	25	15	74	77	-	51	125	745	374					
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	254	232	12	-	-	12	10	-	5	15	170	36					
WHOLESALE AND RETAIL TRADE	683	666	-	-	-	-	17	-	27	44	401	200					
ALL OTHER INDUSTRIES	425	273	102	25	15	62	50	-	19	66	174	138					

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

FRESNO, CA SMSA

	PRIV. WAGE AND SALARY WORKERS	EMPLOYED PERSONS						PERSONS AT WORK				
		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				41+	
		TOTAL	FEDERAL	STATE			LOCAL	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS		
TOTAL												
FEMALES 16 YEARS AND OVER	87 058	58 746	23 546	5 661	3 691	14 194	3 880	886	6 184	21 551	46 572	9 582
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	19 273	8 765	9 436	1 957	1 429	6 050	961	111	1 128	3 300	11 068	3 284
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	7 600	4 439	2 538	1 577	305	656	544	79	183	837	4 840	1 580
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	153	-	153	35	45	73	-	-	17	10	96	30
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	360	124	208	-	35	173	21	7	7	39	196	104
MANAGERS, MEDICINE AND HEALTH	105	86	12	-	-	12	7	-	-	15	43	47
OTHER SPECIFIED MANAGERS	845	787	12	2	10	-	46	-	46	86	504	188
MANAGERS AND ADMINISTRATORS, N.E.C.	2 311	2 044	267	38	58	171	-	-	23	267	1 356	595
SALARIED	101	101	-	-	-	-	-	-	-	18	77	6
MANUFACTURING, TRANSPORTATION, COMMUNICATIONS, AND RELATED INDUSTRIES	156	156	-	-	-	-	-	-	-	-	80	70
WHOLESALE AND RETAIL TRADE	683	672	11	-	5	6	-	-	-	117	291	252
ALL OTHER INDUSTRIES	1 371	1 115	256	38	53	165	-	-	23	132	908	267
MANAGERS AND ADMINISTRATORS, N.E.C.	430	-	-	-	-	-	378	52	6	118	183	123
CONSTRUCTION	24	-	-	-	-	-	24	-	-	13	6	5
MANUFACTURING	47	-	-	-	-	-	47	-	6	20	10	11
WHOLESALE AND RETAIL TRADE	230	-	-	-	-	-	190	40	-	50	114	66
ALL OTHER INDUSTRIES	129	-	-	-	-	-	117	12	-	35	53	41
MANAGEMENT RELATED OCCUPATIONS	3 396	1 398	1 886	1 502	157	227	92	20	84	302	2 462	493
ACCOUNTANTS AND AUDITORS	1 935	475	1 406	1 265	47	94	46	8	29	200	1 452	233
BUYERS AND PURCHASING AGENTS	249	220	8	-	-	8	15	6	6	33	123	66
PROFESSIONAL SPECIALTY OCCUPATIONS	11 673	4 326	6 898	380	1 124	5 394	417	32	945	2 463	6 228	1 704
ENGINEERS, ARCHITECTS, AND SURVEYORS	80	57	9	-	9	-	14	-	2	14	27	31
ARCHITECTS	29	13	2	-	2	-	14	-	2	-	15	12
ENGINEERS	51	44	7	-	7	-	-	-	-	14	12	19
ELECTRICAL AND ELECTRONIC ENGINEERS	12	12	-	-	-	-	-	-	-	-	6	-
MECHANICAL ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER ENGINEERS	39	32	7	-	7	-	-	-	-	14	6	19
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	80	8	59	28	7	24	7	6	14	5	47	6
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	48	-	35	28	7	-	7	6	14	5	23	6
NATURAL SCIENTISTS	91	49	35	19	11	5	7	-	14	24	44	9
HEALTH DIAGNOSING OCCUPATIONS	149	97	30	-	6	24	22	-	12	23	62	48
PHYSICIANS	122	76	30	-	6	24	16	-	6	17	57	42
DENTISTS	9	9	-	-	-	-	-	-	-	-	5	-
OTHER HEALTH DIAGNOSING PRACTITIONERS	18	12	-	-	-	-	6	-	6	6	-	6
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	3 055	2 030	990	145	118	727	26	9	112	749	1 600	478
REGISTERED NURSES	2 515	1 726	766	130	79	557	14	9	91	627	1 268	437
PHARMACISTS	47	47	-	-	-	-	-	-	7	13	15	10
THERAPISTS	383	184	187	15	39	133	12	-	10	79	251	26
TEACHERS, LIBRARIANS, AND COUNSELORS	6 187	1 069	4 991	103	846	4 042	122	5	624	1 234	3 390	797
TEACHERS, POSTSECONDARY	351	37	314	-	194	120	-	-	62	117	112	60
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	4 263	630	3 633	88	475	3 070	-	-	277	753	2 594	531
TEACHERS, SECONDARY	605	57	548	-	33	515	-	-	58	99	331	97
SOCIAL SCIENTISTS AND URBAN PLANNERS	55	7	36	10	-	26	12	-	6	6	29	14
SOCIAL AND RECREATION WORKERS	802	230	564	50	61	453	8	-	33	112	512	109
RELIGIOUS WORKERS	76	60	-	-	-	-	16	-	18	13	16	22
LAWYERS AND JUDGES	88	17	50	13	8	29	21	-	6	13	34	35
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 010	702	134	12	58	64	162	12	104	270	467	155
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	41 819	29 895	9 847	3 279	1 639	4 929	1 545	532	2 625	9 991	24 534	3 415
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	2 062	1 407	628	128	62	438	16	11	103	383	1 253	255
HEALTH TECHNOLOGISTS AND TECHNICIANS	1 304	976	312	36	22	254	5	11	62	295	738	153
LICENSED PRACTICAL NURSES	581	371	194	11	13	170	5	11	12	136	341	64
ENGINEERING AND SCIENCE TECHNICIANS	300	229	66	33	4	29	5	-	20	49	188	38
ELECTRICAL AND ELECTRONIC TECHNICIANS	19	7	12	12	-	-	-	-	-	-	19	-
DRAFTING AND SURVEYING TECHNICIANS	101	73	28	5	-	23	-	-	7	20	74	-
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	458	202	250	59	36	155	6	-	21	39	327	64
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	102	42	54	12	20	22	6	-	6	6	78	5
SALES OCCUPATIONS	10 298	9 003	208	39	69	100	978	109	929	3 608	4 199	1 147
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	931	612	15	-	-	15	271	33	46	103	465	295
SELF-EMPLOYED	304	-	-	-	-	-	271	33	23	64	76	131
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	1 533	1 262	16	-	-	16	249	6	94	269	850	261
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	355	307	7	-	7	-	39	2	12	93	211	39
SALES WORKERS, RETAIL AND PERSONAL SERVICES	7 421	6 776	170	39	62	69	407	68	761	3 118	2 668	545
CASHIERS	3 007	2 781	132	20	54	58	70	24	184	1 222	1 213	202
SALES RELATED OCCUPATIONS	58	46	-	-	-	-	12	-	16	25	5	7

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

(DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B)

FRESNO, CA SMSA	EMPLOYED PERSONS								PERSONS AT WORK				
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS			15 TO 34 HOURS			41+ HOURS
		TOTAL	FEDERAL	STATE			LOCAL						
TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	29 459	19 485	9 011	3 112	1 508	4 391	551	412	1 593	6 000	19 082	2 013	
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 052	679	373	196	21	156	-	-	17	66	734	192	
COMPUTER EQUIPMENT OPERATORS	557	324	233	150	6	77	-	-	5	92	386	62	
SECRETARIES, STENOGRAPHERS, AND TYPISTS	8 942	5 817	2 829	558	656	1 615	153	143	482	1 622	6 199	432	
SECRETARIES	7 198	5 296	1 670	290	482	898	89	143	291	1 382	4 987	377	
RECEPTIONISTS	1 120	916	177	34	21	122	-	27	75	211	696	115	
FILE CLERKS	665	352	306	196	19	91	7	-	117	133	394	14	
FINANCIAL RECORDS PROCESSING OCCUPATIONS	5 119	4 088	557	105	111	341	293	181	329	1 084	3 196	377	
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	4 260	3 348	438	70	84	284	293	181	268	981	2 571	347	
TELEPHONE OPERATORS	805	729	76	18	10	48	-	-	20	56	679	18	
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	414	66	348	310	13	25	-	-	41	92	226	55	
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	528	460	68	28	17	23	-	-	6	127	293	60	
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	412	397	8	-	8	-	7	-	-	9	361	22	
BANK TELLERS	1 034	1 014	20	20	-	-	-	-	30	359	562	49	
DATA-ENTRY KEYERS	699	356	343	265	25	53	-	-	6	109	491	64	
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	8 112	4 287	3 673	1 232	601	1 840	91	61	465	2 040	4 865	553	
SERVICE OCCUPATIONS	15 838	11 367	3 555	313	506	2 736	846	70	1 815	6 049	6 003	1 343	
PRIVATE HOUSEHOLD OCCUPATIONS	1 115	1 115	-	-	-	-	-	-	290	390	222	134	
PROTECTIVE SERVICE OCCUPATIONS	237	86	151	9	21	121	-	-	13	34	152	28	
FIREFIGHTING OCCUPATIONS	6	-	6	-	-	6	-	-	-	-	6	-	
POLICE AND DETECTIVES, PUBLIC SERVICE	37	-	37	-	8	29	-	-	-	-	29	8	
GUARDS	135	72	63	-	13	50	-	-	-	34	81	20	
OTHER PROTECTIVE SERVICE OCCUPATIONS	59	14	45	9	-	36	-	-	13	-	36	-	
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	14 486	10 166	3 404	304	485	2 615	846	70	1 512	5 625	5 629	1 181	
FOOD PREPARATION AND SERVICE OCCUPATIONS	5 808	4 830	860	51	123	686	68	50	707	2 550	1 885	407	
WAITERS AND FOOD COUNTER WORKERS	2 778	2 712	26	19	-	7	22	18	414	1 381	757	132	
COOKS	1 368	951	363	5	49	309	38	16	110	418	631	147	
HEALTH SERVICE OCCUPATIONS	3 451	2 807	620	104	88	428	10	14	149	860	1 983	365	
NURSING AIDES, ORDERLIES, AND ATTENDANTS	2 280	1 755	508	80	88	340	10	7	115	504	1 326	254	
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	1 541	1 142	324	34	52	238	69	6	270	422	649	122	
PERSONAL SERVICE OCCUPATIONS	3 686	1 387	1 600	115	222	1 263	699	-	386	1 793	1 112	287	
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	1 100	733	-	-	-	-	367	-	52	437	465	97	
FARMING, FORESTRY, AND FISHING OCCUPATIONS	2 972	2 442	103	25	10	68	306	121	242	745	985	657	
FARM OPERATORS AND MANAGERS	295	43	-	-	-	-	241	11	36	80	70	92	
FARM OCCUPATIONS, EXCEPT MANAGERIAL RELATED AGRICULTURAL OCCUPATIONS	1 947	1 788	61	8	6	47	6	92	137	489	611	440	
FORESTRY AND FISHING OCCUPATIONS	715	608	38	17	-	21	51	18	69	176	289	125	
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	1 491	1 279	63	8	37	18	126	23	103	211	854	249	
MECHANICS AND REPAIRERS	234	193	28	8	20	-	7	6	22	33	123	49	
AUTOMOBILE MECHANICS, INCLUDING BODY	32	20	12	-	12	-	-	-	-	12	8	12	
AIRCRAFT MECHANICS	7	-	-	-	-	-	7	-	-	-	7	-	
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	
OTHER MECHANICS AND REPAIRERS	195	173	16	8	8	-	-	6	22	21	108	37	
CONSTRUCTION TRADES	209	153	11	-	-	11	36	9	15	49	85	51	
CARPENTERS	12	5	-	-	-	-	7	-	-	-	-	12	
ELECTRICIANS	-	-	-	-	-	-	-	-	-	-	-	-	
PAINTERS, CONSTRUCTION AND MAINTENANCE	77	43	11	-	-	11	14	9	7	34	29	7	
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	9	9	-	-	-	-	-	-	-	-	-	-	
OTHER CONSTRUCTION TRADES	111	96	-	-	-	-	15	-	8	15	56	32	
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	
PRECISION PRODUCTION OCCUPATIONS	1 048	933	24	-	17	7	83	8	66	129	646	149	
SUPERVISORS, PRODUCTION OCCUPATIONS	477	470	7	-	7	-	-	6	41	279	106		
MANUFACTURING	221	221	-	-	-	-	-	-	20	131	46		
PRECISION METALWORKING OCCUPATIONS	16	16	-	-	-	-	-	-	-	-	9	7	
TOOL AND DIE MAKERS	-	-	-	-	-	-	-	-	-	-	-	-	
MACHINISTS	16	16	-	-	-	-	-	-	-	-	9	7	
SHEET METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-	
OTHER PRECISION METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-	
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	185	112	10	-	10	-	57	6	31	26	122	6	
PLANT AND SYSTEM OPERATORS	7	7	-	-	-	-	-	-	-	-	7	-	
OTHER PRECISION PRODUCTION OCCUPATIONS	363	328	7	-	7	-	26	2	29	62	229	30	

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

FRESNO, CA SMSA	EMPLOYED PERSONS										PERSONS AT WORK			
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS	
		TOTAL	FEDERAL	STATE			LOCAL	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS				
TOTAL														
OPERATORS, FABRICATORS, AND LABORERS . . .	5 665	4 998	542	79	70	393	96	29	271	1 255	3 128	634		
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS . . .	3 415	3 143	226	66	20	140	41	5	148	672	2 027	335		
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION . . .	2 022	1 810	166	47	15	104	41	5	69	422	1 223	171		
METALWORKING AND PLASTIC WORKING														
MACHINE OPERATORS	74	74	-	-	-	-	-	-	9	10	43	7		
PRINTING MACHINE OPERATORS	168	127	35	8	-	27	6	-	-	48	114	6		
TEXTILE, APPAREL, AND FURNISHINGS														
MACHINE OPERATORS	993	948	20	-	-	20	20	5	40	186	638	76		
TEXTILE MACHINE OPERATORS	118	118	-	-	-	-	-	-	-	31	78	3		
TEXTILE SEWING MACHINE OPERATORS	571	535	-	-	-	-	11	5	25	92	360	52		
LAUNDERING AND DRYCLEANING														
MACHINE OPERATORS	216	187	20	-	-	20	9	-	7	50	138	21		
OTHER SPECIFIED MACHINE OPERATORS	369	299	65	17	5	43	5	-	10	79	207	42		
MISCELLANEOUS AND NOT SPECIFIED														
MACHINE OPERATORS	418	362	46	22	10	14	10	-	10	99	221	40		
OCCUPATION:														
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	223	186	32	22	10	-	5	-	6	88	80	29		
MACHINE OPERATORS, NOT SPECIFIED	195	176	14	-	-	14	5	-	4	11	141	11		
INDUSTRY:														
MANUFACTURING	255	255	-	-	-	-	-	-	-	54	124	29		
NONDURABLE GOODS	151	151	-	-	-	-	-	-	-	40	60	22		
FOOD AND KINDRED PRODUCTS	57	57	-	-	-	-	-	-	-	23	14	4		
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	36	36	-	-	-	-	-	-	-	5	25	-		
PAPER AND ALLIED PRODUCTS	16	16	-	-	-	-	-	-	-	-	10	6		
OTHER NONDURABLE GOODS	42	42	-	-	-	-	-	-	-	12	11	12		
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	104	104	-	-	-	-	-	-	-	14	64	7		
METAL INDUSTRIES	7	7	-	-	-	-	-	-	-	-	-	7		
MACHINERY, INCLUDING ELECTRICAL	42	42	-	-	-	-	-	-	-	-	28	-		
TRANSPORTATION EQUIPMENT	44	44	-	-	-	-	-	-	-	10	29	-		
OTHER DURABLE GOODS	11	11	-	-	-	-	-	-	-	4	7	-		
NONMANUFACTURING INDUSTRIES	163	107	46	22	10	14	10	-	10	45	97	11		
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	21	21	-	-	-	-	-	-	-	-	21	-		
WHOLESALE AND RETAIL TRADE	41	36	-	-	-	-	5	-	4	12	19	6		
ALL OTHER INDUSTRIES	101	50	46	22	10	14	5	-	6	33	57	5		
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	622	604	18	-	5	13	-	-	12	136	383	57		
WELDERS AND CUTTERS	17	17	-	-	5	13	-	-	-	-	17	-		
ASSEMBLERS	563	545	18	-	5	13	-	-	12	128	343	46		
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	42	42	-	-	-	-	-	-	-	8	23	11		
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	771	729	42	19	-	23	-	-	67	114	421	107		
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	576	326	250	13	31	206	-	-	15	173	248	105		
MOTOR VEHICLE OPERATORS	540	290	250	13	31	206	-	-	15	165	242	99		
TRUCK DRIVERS AND DRIVER-SALES WORKERS	172	159	13	13	-	-	-	-	-	47	88	30		
BUS DRIVERS	299	81	218	-	31	187	-	-	8	86	141	62		
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-		
MATERIAL MOVING EQUIPMENT OPERATORS	36	36	-	-	-	-	-	-	-	8	6	6		
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-		
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 674	1 529	66	-	19	47	55	24	108	410	853	194		
CONSTRUCTION LABORERS	81	61	20	-	20	-	-	-	-	6	67	-		
FREIGHT, STOCK, AND MATERIAL HANDLERS	261	228	3	-	-	3	30	-	17	116	108	6		
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	62	47	-	-	-	-	15	-	-	7	9	46		
HAND PACKERS AND PACKAGERS	914	885	15	-	15	10	4	72	219	446	95			
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	37	33	4	-	4	-	-	-	-	15	22	-		
LABORERS, EXCEPT CONSTRUCTION	319	275	24	-	19	5	-	20	19	47	201	47		
MANUFACTURING	117	111	6	-	6	-	-	-	10	7	91	7		
NONDURABLE GOODS	77	77	-	-	-	-	-	-	-	7	68	-		
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	40	34	6	-	6	-	-	-	10	-	23	7		
METAL INDUSTRIES	4	4	-	-	-	-	-	-	-	-	4	-		
NONMANUFACTURING INDUSTRIES	202	164	18	-	13	5	-	20	9	40	110	40		
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	44	22	14	-	13	1	-	8	-	7	36	-		
WHOLESALE AND RETAIL TRADE	52	40	-	-	-	-	-	12	-	-	34	18		
ALL OTHER INDUSTRIES	106	102	4	-	-	4	-	-	9	33	40	22		

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

(DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B)

FRESNO, CA SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS					
		TOTAL	FEDERAL	STATE			LOCAL	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS		
WHITE												
MALES 16 YEARS AND OVER	99 749	71 999	15 393	3 198	3 292	8 903	11 958	399	3 392	10 797	48 115	35 231
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	22 990	13 076	7 036	977	1 833	4 226	2 825	53	580	1 329	11 025	9 701
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	12 772	8 865	2 383	723	553	1 107	1 473	51	104	604	6 005	5 874
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	344	-	344	75	107	162	-	-	-	-	257	87
MANAGEMENT RELATED OCCUPATIONS	3 199	1 810	1 029	484	179	366	350	10	31	172	1 782	1 152
PROFESSIONAL SPECIALTY OCCUPATIONS	10 218	4 211	4 653	254	1 280	3 119	1 352	2	476	725	5 020	3 827
ENGINEERS AND NATURAL SCIENTISTS	1 672	969	533	110	219	204	170	-	25	57	1 016	553
ENGINEERS	1 013	638	307	46	119	142	68	-	25	24	646	297
HEALTH DIAGNOSING OCCUPATIONS	1 089	613	121	26	13	82	355	-	18	67	283	712
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	551	372	140	20	15	105	39	-	31	56	216	224
TEACHERS, LIBRARIANS, AND COUNSELORS	3 627	438	3 122	15	924	2 183	67	-	218	201	2 019	1 118
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	2 275	208	2 067	-	259	1 808	-	-	110	112	1 340	701
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	20 105	15 149	2 561	1 451	357	753	2 307	88	477	2 217	9 929	7 201
HEALTH TECHNOLOGISTS AND TECHNICIANS	356	15 198	151	30	13	108	-	7	5	49	9 196	7 100
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	1 870	1 318	462	172	132	158	85	5	27	193	1 116	505
SALES OCCUPATIONS	12 369	10 120	89	9	33	47	2 092	68	274	1 392	5 417	5 131
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	2 705	1 871	9	4	5	-	810	15	10	77	955	1 618
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	5 576	4 546	68	5	21	42	932	30	99	366	2 726	2 326
OTHER SALES OCCUPATIONS	4 088	3 703	12	-	7	5	350	23	165	949	1 736	1 187
CASHIERS	654	628	12	-	7	5	7	7	50	263	249	84
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	5 510	3 513	1 859	1 240	179	440	130	8	171	583	3 200	1 455
COMPUTER EQUIPMENT OPERATORS	135	60	68	34	7	27	7	-	12	-	92	31
SECRETARIES, STENOGRAPHERS, AND TYPISTS	154	116	31	-	-	31	7	-	7	30	72	45
FINANCIAL RECORDS PROCESSING OCCUPATIONS	460	353	49	19	8	22	50	8	11	117	202	123
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	897	134	757	752	-	5	6	-	25	44	466	355
SERVICE OCCUPATIONS	8 463	4 855	3 093	259	580	2 254	501	14	691	1 917	3 867	1 817
PRIVATE HOUSEHOLD OCCUPATIONS	19	19	-	-	-	-	-	-	-	-	7	6
PROTECTIVE SERVICE OCCUPATIONS	2 201	504	1 663	84	300	1 279	34	-	72	217	1 050	806
POLICE AND FIREFIGHTERS	1 001	-	1 001	45	190	766	-	-	7	20	451	508
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	6 243	4 332	1 430	175	280	975	467	14	619	1 700	2 810	1 005
FOOD SERVICE OCCUPATIONS	2 348	2 168	105	20	-	85	66	9	256	889	2 835	327
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	3 019	1 746	1 083	108	242	733	185	5	302	598	1 599	463
FARMING, FORESTRY, AND FISHING OCCUPATIONS	11 212	7 534	499	28	151	320	3 035	144	677	1 292	3 204	5 718
FARM OPERATORS AND MANAGERS	3 422	808	7	-	7	-	2 607	-	171	417	2 761	2 043
FARM WORKERS AND RELATED OCCUPATIONS	7 663	6 718	422	16	116	290	379	144	506	859	2 360	3 663
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	19 127	15 497	1 127	331	221	575	2 465	38	370	1 705	10 993	5 454
MECHANICS AND REPAIRERS	6 721	5 548	508	218	91	199	649	16	115	440	3 806	2 137
CONSTRUCTION TRADES	7 889	5 926	365	42	88	235	1 589	9	194	1 013	4 733	1 705
PRECISION PRODUCTION OCCUPATIONS	4 339	3 851	254	71	42	141	221	13	61	223	1 221	1 574
OPERATORS, FABRICATORS, AND LABORERS	17 852	15 888	1 077	152	150	775	825	62	597	2 337	9 097	5 340
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	3 099	2 790	157	33	40	84	140	12	94	280	1 975	669
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	2 527	2 286	107	26	24	57	128	6	55	210	1 543	647
TRANSPORTATION OCCUPATIONS	5 879	5 007	497	64	49	384	356	19	134	639	2 552	2 402
MOTOR VEHICLE OPERATORS	5 504	4 670	459	26	49	384	356	19	134	592	2 344	2 308
MATERIAL MOVING EQUIPMENT OPERATORS	1 702	1 435	190	17	31	142	68	9	33	119	921	599
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	4 645	4 370	126	12	6	108	133	16	281	1 089	2 106	1 023
CONSTRUCTION LABORERS	1 147	1 081	66	6	6	54	-	-	25	195	618	272
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 307	1 287	20	6	-	14	-	-	149	477	452	181

TABLE 22D. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

FRESNO, CA SMSA

	EMPLOYED PERSONS										PERSONS AT WORK			
	PRIV. WAGE AND SALARY TOTAL WORKERS		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS		UNPAID FAMILY WORKERS		1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS	
	TOTAL	FEDERAL	STATE	LOCAL										
WHITE														
FEMALES 16 YEARS AND OVER	70 074	47 912	18 070	4 172	2 809	11 089	3 384	708	5 043	17 511	37 295	7 894		
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	16 505	7 836	7 733	1 547	1 121	5 065	844	92	971	2 829	9 343	2 935		
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	6 601	4 046	2 040	1 293	209	538	455	60	154	731	4 143	1 416		
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	114	-	114	28	25	61	-	-	12	10	69	23		
MANAGEMENT RELATED OCCUPATIONS	2 827	1 222	1 499	1 229	103	167	86	20	60	255	2 012	448		
PROFESSIONAL SPECIALTY OCCUPATIONS	9 904	3 790	5 693	254	912	4 527	389	32	817	2 098	5 200	1 519		
ENGINEERS AND NATURAL SCIENTISTS	206	102	70	47	18	5	28	6	28	43	88	39		
ENGINEERS	38	38	-	-	-	-	-	-	-	14	12	12		
HEALTH DIAGNOSING OCCUPATIONS	114	75	24	-	6	18	15	-	12	16	56	30		
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	2 632	1 778	825	106	84	635	20	9	83	659	1 360	430		
TEACHERS, LIBRARIANS, AND COUNSELORS	5 293	952	4 220	54	708	3 458	116	5	551	993	2 887	722		
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	4 170	602	3 568	54	449	3 065	-	-	279	677	2 520	568		
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	35 038	25 880	7 305	2 382	1 188	3 735	1 398	455	2 196	8 455	20 434	2 975		
HEALTH TECHNOLOGISTS AND TECHNICIANS	983	769	214	30	22	162	-	-	57	260	524	110		
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	593	357	225	59	36	130	11	-	26	77	394	91		
SALES OCCUPATIONS	8 818	7 696	153	31	50	72	884	85	810	3 101	3 560	1 001		
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	845	570	-	-	-	-	253	22	46	93	417	267		
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	1 758	1 466	16	-	-	16	270	6	99	330	991	291		
OTHER SALES OCCUPATIONS	6 215	5 660	137	31	50	56	361	57	665	2 678	2 152	443		
CASHIERS	2 309	2 128	113	20	42	51	50	18	163	956	893	152		
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	24 644	17 058	6 713	2 262	1 080	3 371	503	370	1 303	5 017	15 956	1 773		
COMPUTER EQUIPMENT OPERATORS	432	261	171	121	6	44	-	-	67	299	54			
SECRETARIES, STENOGRAPHERS, AND TYPISTS	7 568	5 197	2 108	375	501	1 232	131	132	388	1 386	5 214	424		
FINANCIAL RECORDS PROCESSING OCCUPATIONS	4 620	3 715	472	89	101	282	277	156	308	1 000	2 888	313		
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	299	55	244	223	6	15	-	-	35	80	129	55		
SERVICE OCCUPATIONS	11 903	8 651	2 529	176	387	1 966	682	41	1 473	4 770	4 221	968		
PRIVATE HOUSEHOLD OCCUPATIONS	823	823	-	-	-	-	-	-	236	292	145	115		
PROTECTIVE SERVICE OCCUPATIONS	173	67	106	7	21	78	-	-	13	34	100	16		
POLICE AND FIREFIGHTERS	36	-	36	-	8	28	-	-	-	-	28	8		
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	10 907	7 761	2 423	169	366	1 888	682	41	1 224	4 444	3 976	837		
FOOD SERVICE OCCUPATIONS	4 683	3 980	650	24	116	510	32	21	569	2 144	1 455	298		
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	1 011	735	207	24	40	143	63	6	209	286	394	74		
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 679	1 275	54	9	6	39	267	83	121	442	578	350		
FARM OPERATORS AND MANAGERS	262	37	-	-	-	-	214	11	31	74	65	75		
FARM WORKERS AND RELATED OCCUPATIONS	1 406	1 235	54	9	6	39	45	72	90	368	502	275		
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	1 153	963	52	8	37	7	121	17	82	144	653	211		
MECHANICS AND REPAIRERS	206	165	28	8	20	-	7	6	16	33	101	49		
CONSTRUCTION TRADES	172	131	-	-	-	-	36	5	15	32	74	42		
PRECISION PRODUCTION OCCUPATIONS	775	667	24	-	17	7	78	6	51	79	478	120		
OPERATORS, FABRICATORS, AND LABORERS	3 796	3 307	397	50	70	277	72	20	200	871	2 066	455		
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	1 297	1 170	86	25	15	46	36	5	58	229	804	128		
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	936	881	55	19	5	31	-	-	45	181	546	105		
TRANSPORTATION OCCUPATIONS	470	274	196	6	31	159	-	-	15	144	207	92		
MOTOR VEHICLE OPERATORS	470	274	196	6	31	159	-	-	15	144	207	92		
MATERIAL MOVING EQUIPMENT OPERATORS	30	30	-	-	-	-	-	-	-	8	6	-		
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 063	952	60	-	19	41	36	15	82	309	503	130		
CONSTRUCTION LABORERS	42	28	14	-	-	14	-	-	-	6	30	-		
FREIGHT, STOCK, AND MATERIAL HANDLERS	215	191	3	-	-	3	21	-	17	89	94	6		

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

FRESNO, CA SMSA	EMPLOYED PERSONS										PERSONS AT WORK			
	PRIV. WAGE TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS	
		TOTAL	FEDERAL	STATE			LOCAL	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS				
BLACK														
MALES 16 YEARS AND OVER	3 972	2 698	1 104	255	91	758	170	-	170	560	2 451	630		
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	717	266	389	75	50	264	62	-	52	55	442	149		
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	342	143	147	52	18	77	52	-	9	13	218	89		
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	24	-	24	8	-	16	-	-	-	-	16	8		
MANAGEMENT RELATED OCCUPATIONS	105	18	87	44	18	25	-	-	-	13	69	10		
PROFESSIONAL SPECIALTY OCCUPATIONS	375	123	242	23	32	187	10	-	43	42	224	60		
ENGINEERS AND NATURAL SCIENTISTS	26	9	17	11	6	-	-	-	-	-	15	11		
ENGINEERS	15	9	6	-	6	-	-	-	-	-	15	-		
HEALTH DIAGNOSING OCCUPATIONS	12	-	6	-	-	6	6	-	-	-	12	-		
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	32	12	20	-	-	20	-	-	-	4	20	8		
TEACHERS, LIBRARIANS, AND COUNSELORS	94	26	68	-	10	58	-	-	11	5	76	2		
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	77	14	63	-	10	53	-	-	-	5	70	2		
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	700	520	152	95	7	50	28	-	29	86	495	87		
HEALTH TECHNOLOGISTS AND TECHNICIANS	10	10	-	-	-	-	-	-	-	-	-	10		
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	36	13	23	14	-	9	-	-	-	6	30	-		
SALES OCCUPATIONS	296	268	-	-	-	-	28	-	17	52	205	22		
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	54	31	-	-	-	-	23	-	-	9	42	3		
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	87	82	-	-	-	-	-	-	-	5	69	13		
OTHER SALES OCCUPATIONS	155	155	-	-	-	-	-	-	17	38	94	6		
CASHIERS	49	49	-	-	-	-	-	-	-	27	22	-		
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	358	229	129	81	7	41	-	-	12	28	260	55		
COMPUTER EQUIPMENT OPERATORS	8	8	-	-	-	-	-	-	-	-	-	8		
SECRETARIES, STENOGRAPHERS, AND TYPISTS	3	3	-	-	-	-	-	-	-	-	-	3		
FINANCIAL RECORDS PROCESSING OCCUPATIONS	17	10	7	7	-	-	-	-	-	7	10	-		
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	53	-	53	53	-	-	-	-	-	-	-	15	38	
SERVICE OCCUPATIONS	795	453	329	35	22	272	13	-	37	198	417	98		
PRIVATE HOUSEHOLD OCCUPATIONS	8	8	-	-	-	-	-	-	-	8	-	-		
PROTECTIVE SERVICE OCCUPATIONS	146	61	85	4	19	62	-	-	-	18	84	38		
POLICE AND FIREFIGHTERS	49	-	49	-	11	38	-	-	-	-	17	32		
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	641	384	244	31	3	210	13	-	37	172	333	60		
FOOD SERVICE OCCUPATIONS	205	154	45	16	-	29	6	-	5	108	61	31		
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	384	204	173	15	3	155	7	-	32	53	234	29		
FARMING, FORESTRY, AND FISHING OCCUPATIONS	197	149	44	-	-	44	4	-	18	18	90	71		
FARM OPERATORS AND MANAGERS	11	7	-	-	-	-	-	-	-	4	7	-		
FARM WORKERS AND RELATED OCCUPATIONS	186	142	44	-	-	44	-	-	18	14	83	71		
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	568	487	66	24	6	36	15	-	6	90	356	71		
MECHANICS AND REPAIRERS	207	176	24	12	-	12	7	-	-	23	140	27		
CONSTRUCTION TRADES	155	130	17	-	6	11	8	-	6	58	73	13		
PRECISION PRODUCTION OCCUPATIONS	206	181	25	12	-	13	-	-	-	9	143	31		
OPERATORS, FABRICATORS, AND LABORERS	995	823	124	26	6	92	48	-	28	113	651	154		
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	206	198	8	-	-	8	-	-	-	31	165	7		
TRANSPORTATION OCCUPATIONS	118	108	-	-	-	-	10	-	-	16	102	-		
MOTOR VEHICLE OPERATORS	216	138	63	16	-	47	15	-	-	17	123	66		
MATERIAL MOVING EQUIPMENT OPERATORS	211	133	63	16	-	47	15	-	-	17	123	61		
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	72	58	14	-	-	14	-	-	-	5	54	13		
CONSTRUCTION LABORERS	383	321	39	10	6	23	23	-	28	44	207	68		
FREIGHT, STOCK, AND MATERIAL HANDLERS	50	50	-	-	-	-	-	-	9	8	6	8		
	123	116	7	-	-	7	-	-	13	23	68	19		

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

FRESNO, CA SMSA

	PRIV. WAGE AND SALARY TOTAL WORKERS	EMPLOYED PERSONS						PERSONS AT WORK				
		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				41+ HOURS	
		TOTAL	FEDERAL	STATE LOCAL			15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS			
BLACK												
FEMALES 16 YEARS AND OVER	3 577	2 067	1 449	333	248	868	46	15	171	729	2 241	293
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	645	213	421	57	145	219	7	4	43	57	450	70
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	229	95	123	37	43	43	7	4	5	21	160	43
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	19	-	19	-	7	12	-	-	5	-	7	7
MANAGEMENT RELATED OCCUPATIONS	101	35	66	37	14	15	-	-	-	6	87	8
PROFESSIONAL SPECIALTY OCCUPATIONS	416	118	298	20	102	176	-	-	38	36	290	27
ENGINEERS AND NATURAL SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-
HEALTH DIAGNOSING OCCUPATIONS	6	-	6	-	-	6	-	-	-	-	6	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	113	64	49	6	18	25	-	-	7	26	63	6
TEACHERS, LIBRARIANS, AND COUNSELORS	215	35	180	8	60	112	-	-	16	10	173	16
SCHOOLS	147	30	117	4	17	96	-	-	11	5	123	8
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1 533	853	669	212	84	373	-	11	41	322	1 049	72
HEALTH TECHNOLOGISTS AND TECHNICIANS	117	67	39	6	8	33	-	11	-	12	86	19
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	27	13	14	-	-	14	-	-	6	-	21	-
SALES OCCUPATIONS	237	215	22	-	7	15	-	-	3	71	141	11
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	20	12	8	-	-	8	-	-	-	-	15	5
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	23	23	-	-	-	-	-	-	-	10	13	-
OTHER SALES OCCUPATIONS	194	180	14	-	7	7	-	-	3	61	113	6
CASHIERS	120	106	14	-	7	7	-	-	-	52	57	-
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	1 152	558	594	206	77	311	-	-	32	239	801	42
COMPUTER EQUIPMENT OPERATORS	32	10	22	7	-	15	-	-	-	25	7	-
SECRETARIES, STENOGRAPHERS, AND TYPISTS	293	91	202	52	30	120	-	-	21	25	240	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	89	72	17	5	-	12	-	-	-	9	48	20
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	55	-	55	38	7	10	-	-	-	12	43	-
SERVICE OCCUPATIONS	1 121	764	318	49	19	250	39	-	71	296	592	132
PRIVATE HOUSEHOLD OCCUPATIONS	156	156	-	-	-	-	-	-	33	70	41	5
PROTECTIVE SERVICE OCCUPATIONS	50	19	31	-	-	31	-	-	-	-	50	-
POLICE AND FIREFIGHTERS	7	-	7	-	-	7	-	-	-	-	7	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	915	589	287	49	19	219	39	-	38	226	501	127
FOOD SERVICE OCCUPATIONS	134	70	64	14	-	50	-	-	9	40	77	8
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	154	105	49	6	8	35	-	-	5	24	80	31
FARMING, FORESTRY, AND FISHING OCCUPATIONS	23	15	8	8	-	-	-	-	-	6	6	8
FARM OPERATORS AND MANAGERS	-	-	-	-	-	-	-	-	-	-	-	-
FARM WORKERS AND RELATED OCCUPATIONS	23	15	8	8	-	-	-	-	-	6	6	8
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	83	83	-	-	-	-	-	-	6	17	60	-
MECHANICS AND REPAIRERS	28	28	-	-	-	-	-	-	6	-	22	-
CONSTRUCTION TRADES	13	13	-	-	-	-	-	-	-	13	-	-
PRECISION PRODUCTION OCCUPATIONS	42	42	-	-	-	-	-	-	-	4	38	-
OPERATORS, FABRICATORS, AND LABORERS	172	139	33	7	-	26	-	-	10	31	84	11
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	65	45	20	-	-	20	-	-	4	18	30	-
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	47	47	-	-	-	-	-	-	-	6	25	-
TRANSPORTATION OCCUPATIONS	13	-	13	7	-	6	-	-	-	-	6	-
MOTOR VEHICLE OPERATORS	13	-	13	7	-	6	-	-	-	-	6	-
MATERIAL MOVING EQUIPMENT OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	47	47	-	-	-	-	-	-	-	6	23	11
CONSTRUCTION LABORERS	7	7	-	-	-	-	-	-	-	7	7	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	11	11	-	-	-	-	-	-	-	7	4	-

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B1

FRESNO, CA SMSA	EMPLOYED PERSONS										PERSONS AT WORK			
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS	
		TOTAL	FEDERAL	STATE			LOCAL	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS				
SPANISH ORIGIN														
MALES 16 YEARS AND OVER	32 261	26 855	3 958	1 030	618	2 310	1 322	126	1 085	3 234	15 838	10 878		
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	2 448	1 244	935	222	235	478	263	6	106	172	1 314	817		
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	1 492	867	419	144	113	162	206	-	31	66	750	624		
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	44	-	44	13	-	31	-	-	-	-	31	13		
MANAGEMENT RELATED OCCUPATIONS	431	191	197	105	46	46	43	-	-	11	312	108		
PROFESSIONAL SPECIALTY OCCUPATIONS	956	377	516	78	122	316	57	6	75	106	564	193		
ENGINEERS AND NATURAL SCIENTISTS	166	102	60	14	-	46	4	-	22	-	99	45		
ENGINEERS	81	55	26	8	-	18	-	-	15	-	36	30		
HEALTH DIAGNOSING OCCUPATIONS	35	12	13	-	-	13	10	-	-	10	18	7		
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	43	18	25	11	-	14	-	-	-	-	38	3		
TEACHERS, LIBRARIANS, AND COUNSELORS	310	36	258	2	100	156	16	-	31	45	178	56		
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	129	7	122	-	26	96	-	-	12	12	86	19		
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	3 370	2 471	743	484	87	172	149	7	104	437	1 876	927		
HEALTH TECHNOLOGISTS AND TECHNICIANS	91	48	43	8	-	35	-	-	-	7	52	32		
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	227	166	61	9	27	25	-	-	-	-	30	146	48	
SALES OCCUPATIONS	1 552	1 376	20	13	7	-	149	7	50	286	686	509		
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	331	238	-	-	-	-	93	-	5	17	118	191		
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	318	277	-	-	-	-	41	-	-	11	179	120		
OTHER SALES OCCUPATIONS	903	861	20	13	7	-	15	7	45	258	389	198		
CASHIERS	272	258	7	-	7	-	-	7	6	123	94	49		
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	1 500	881	619	454	53	112	-	-	54	114	992	338		
COMPUTER EQUIPMENT OPERATORS	55	24	31	17	-	14	-	-	-	-	55	-		
SECRETARIES, STENOGRAPHERS, AND TYPISTS	13	-	13	4	-	9	-	-	-	7	2	4		
FINANCIAL RECORDS PROCESSING OCCUPATIONS	40	18	22	7	8	7	-	-	-	-	12	13	15	
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	332	18	314	314	-	-	-	-	2	14	203	113		
SERVICE OCCUPATIONS	3 077	1 845	1 118	96	166	856	114	-	134	551	1 776	538		
PRIVATE HOUSEHOLD OCCUPATIONS	15	15	-	-	-	-	-	-	-	9	-	-		
PROTECTIVE SERVICE OCCUPATIONS	443	136	307	19	18	270	-	-	6	35	333	54		
POLICE AND FIREFIGHTERS	174	-	174	-	18	156	-	-	-	-	138	30		
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	2 619	1 694	811	77	148	586	114	-	128	507	1 443	484		
FOOD SERVICE OCCUPATIONS	879	814	57	16	-	41	8	-	42	237	403	167		
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	1 340	719	610	54	118	438	11	-	76	184	857	202		
FARMING, FORESTRY, AND FISHING OCCUPATIONS	9 433	8 765	222	7	44	171	370	76	434	823	2 742	4 859		
FARM OPERATORS AND MANAGERS	353	91	-	-	-	-	262	16	-	66	90	165		
FARM WORKERS AND RELATED OCCUPATIONS	9 063	8 661	218	7	44	167	108	76	418	757	2 643	4 694		
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	4 977	4 317	339	99	58	182	300	21	64	360	3 091	1 294		
MECHANICS AND REPAIRERS	1 819	1 535	161	65	21	75	117	6	16	126	1 048	567		
CONSTRUCTION TRADES	1 392	1 228	46	2	14	30	118	-	17	194	915	225		
PRECISION PRODUCTION OCCUPATIONS	1 751	1 559	132	32	23	77	65	15	31	40	1 120	502		
OPERATORS, FABRICATORS, AND LABORERS	8 956	8 213	601	122	28	451	126	16	243	891	5 039	2 443		
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	1 993	1 943	34	10	-	24	16	-	35	175	1 316	412		
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	1 605	1 556	49	13	7	29	-	-	37	98	1 053	368		
TRANSPORTATION OCCUPATIONS	1 664	1 327	228	38	13	177	102	7	49	182	716	657		
MOTOR VEHICLE OPERATORS	1 634	1 297	228	38	13	177	102	7	49	176	699	650		
MATERIAL MOVING EQUIPMENT OPERATORS	1 059	989	70	17	2	51	-	-	21	27	603	377		
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	2 635	2 398	220	44	6	170	8	9	101	409	1 351	629		
CONSTRUCTION LABORERS	548	499	49	8	-	41	-	1	7	105	272	144		
FREIGHT, STOCK, AND MATERIAL HANDLERS	734	648	86	18	-	68	-	-	53	159	351	135		

TABLE 22D. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

(DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B)

FRESNO, CA SMSA	EMPLOYED PERSONS								PERSONS AT WORK					
	PRIV. WAGE AND SALARY WORKERS		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS		15 TO 34 HOURS		35 TO 40 HOURS		41+ HOURS
	TOTAL	FEDERAL	STATE	LOCAL	1 TO 14 HOURS			15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS				
SPANISH ORIGIN														
FEMALES 16 YEARS AND OVER	17 843	12 022	5 268	1 506	794	2 968	457	96	1 268	4 439	9 208	1 894		
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	2 229	716	1 415	417	211	787	89	9	150	472	1 276	268		
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	901	335	477	315	52	110	80	9	30	123	573	157		
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	22	-	22	10	6	6	-	-	-	-	22	-		
MANAGEMENT RELATED OCCUPATIONS	516	116	388	292	46	50	12	-	24	70	372	41		
PROFESSIONAL SPECIALTY OCCUPATIONS	1 328	381	938	102	159	677	9	-	120	349	703	111		
ENGINEERS AND NATURAL SCIENTISTS	44	16	28	-	16	12	-	-	9	-	16	13		
ENGINEERS	19	12	7	-	7	-	-	-	-	-	-	13		
HEALTH DIAGNOSING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-		
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	241	136	105	15	24	66	-	-	20	53	140	21		
TEACHERS, LIBRARIANS, AND COUNSELORS	700	104	596	62	97	437	-	-	56	251	333	42		
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	525	50	475	51	50	374	-	-	11	195	268	33		
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	6 896	4 078	2 600	924	430	1 246	153	65	481	1 499	4 142	536		
HEALTH TECHNOLOGISTS AND TECHNICIANS	170	114	45	-	-	45	-	11	5	12	105	41		
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	216	130	86	41	-	45	-	-	11	14	153	31		
SALES OCCUPATIONS	1 593	1 407	54	20	20	14	114	18	142	560	663	145		
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	81	44	-	-	-	-	26	11	9	22	36	14		
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	98	78	7	-	7	-	11	2	13	11	49	20		
OTHER SALES OCCUPATIONS	1 414	1 285	47	20	13	14	77	5	120	527	578	111		
CASHIERS	681	641	28	15	5	8	7	5	35	263	303	34		
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	4 917	2 427	2 415	863	410	1 142	39	36	323	913	3 221	319		
COMPUTER EQUIPMENT OPERATORS	67	37	30	18	-	12	-	-	5	-	62	-		
SECRETARIES, STENOGRAPHERS, AND TYPISTS	1 493	669	788	173	170	445	29	7	132	229	1 076	18		
FINANCIAL RECORDS PROCESSING OCCUPATIONS	466	386	56	14	24	18	10	14	30	68	309	55		
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	76	16	60	60	-	-	-	-	3	3	50	20		
SERVICE OCCUPATIONS	3 865	2 694	1 007	149	115	743	150	14	348	1 465	1 529	304		
PRIVATE HOUSEHOLD OCCUPATIONS	226	-	-	-	-	-	-	43	61	46	23	-		
PROTECTIVE SERVICE OCCUPATIONS	32	-	32	7	-	25	-	-	-	-	20	12		
POLICE AND FIREFIGHTERS	-	-	-	-	-	-	-	-	-	-	-	-		
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	3 607	2 468	975	142	115	718	150	14	305	1 404	1 463	269		
FOOD SERVICE OCCUPATIONS	1 144	951	152	18	15	119	27	14	91	517	372	92		
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	512	393	119	5	26	88	-	-	68	147	258	17		
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 954	1 848	65	8	10	47	39	2	139	433	684	432		
FARM OPERATORS AND MANAGERS	39	-	-	-	-	-	39	-	-	14	8	11		
FARM WORKERS AND RELATED OCCUPATIONS	1 908	1 845	61	8	6	47	-	2	139	419	669	421		
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	372	326	33	-	22	11	7	6	14	65	196	74		
MECHANICS AND REPAIRERS	34	22	12	-	12	-	-	-	-	12	17	5		
CONSTRUCTION TRADES	32	17	11	-	-	11	-	4	-	4	11	17		
PRECISION PRODUCTION OCCUPATIONS	306	287	10	-	10	-	7	2	14	49	168	52		
OPERATORS, FABRICATORS, AND LABORERS	2 527	2 360	148	8	6	134	19	-	136	505	1 381	280		
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	897	839	58	8	-	50	-	-	11	199	559	61		
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	703	687	16	-	-	16	-	-	67	101	396	98		
TRANSPORTATION OCCUPATIONS	103	45	58	-	-	58	-	-	-	37	49	17		
MOTOR VEHICLE OPERATORS	103	45	58	-	-	58	-	-	-	37	49	17		
MATERIAL MOVING EQUIPMENT OPERATORS	22	22	-	-	-	-	-	-	-	-	-	6		
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	802	767	16	-	6	10	19	-	58	168	377	98		
CONSTRUCTION LABORERS	38	32	6	-	-	6	-	-	-	-	30	-		
FREIGHT, STOCK, AND MATERIAL HANDLERS	59	47	3	-	-	3	9	-	-	31	20	-		

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

LOS ANGELES-
LONG BEACH, CA SMSA

	PRIV. WAGE AND SALARY TOTAL WORKERS	EMPLOYED PERSONS						PERSONS AT WORK						
		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS			15 TO 34 HOURS			41+ HOURS	
		TOTAL	FEDERAL	STATE			LOCAL							
TOTAL														
MALES 16 YEARS AND OVER	1 979 632	1 576 450	222 324	52 857	36 639	132 828	177 075	3 783	58 852	194 861	1 098 717	572 969		
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	519 312	366 831	81 791	12 312	18 527	50 952	69 758	932	13 487	37 962	263 221	195 649		
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	266 962	209 774	26 082	6 757	4 980	14 345	30 433	673	4 187	12 036	133 371	113 356		
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	4 093	18	4 075	1 165	703	2 207	-	-	52	170	2 847	983		
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	5 795	1 733	3 968	51	1 046	2 871	96	-	92	234	3 075	2 272		
MANAGERS, MEDICINE AND HEALTH	1 675	1 180	411	100	128	183	84	-	11	48	934	597		
OTHER SPECIFIED MANAGERS	43 714	39 357	1 545	598	284	663	2 677	135	736	2 087	21 829	18 577		
MANAGERS AND ADMINISTRATORS, N.E.C.	128 542	122 575	5 967	1 180	949	3 838	-	-	1 664	4 850	61 818	58 177		
SALARIED	42 206	42 032	174	115	7	52	-	-	322	865	21 388	18 923		
MANUFACTURING	TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	9 626	8 753	873	364	57	452	-	67	216	4 758	4 450		
WHOLESALE AND RETAIL TRADE	31 995	31 979	16	6	-	10	-	-	414	1 603	13 476	15 915		
ALL OTHER INDUSTRIES	44 715	39 811	4 904	695	885	3 324	-	-	861	2 166	22 196	18 889		
MANAGERS AND ADMINISTRATORS, N.E.C.	SELF-EMPLOYED	20 433	-	-	-	-	19 977	456	610	1 442	6 843	11 092		
CONSTRUCTION	1 758	-	-	-	-	-	1 733	25	47	185	799	655		
MANUFACTURING	4 599	-	-	-	-	-	4 529	70	108	284	1 664	2 485		
WHOLESALE AND RETAIL TRADE	7 224	-	-	-	-	-	6 988	236	177	338	2 075	4 479		
ALL OTHER INDUSTRIES	6 852	-	-	-	-	-	6 727	125	278	635	2 305	3 473		
MANAGEMENT RELATED OCCUPATIONS	62 710	44 911	10 116	3 663	1 870	4 583	7 601	82	1 022	3 205	36 025	21 658		
ACCOUNTANTS AND AUDITORS	24 717	17 980	2 864	1 117	768	979	3 833	40	340	1 195	13 598	9 357		
BUYERS AND PURCHASING AGENTS	8 946	8 057	350	125	22	203	518	21	96	355	5 473	2 917		
PROFESSIONAL SPECIALTY OCCUPATIONS	252 350	157 057	55 709	5 555	13 547	36 607	39 325	259	9 300	25 926	129 850	82 293		
ENGINEERS, ARCHITECTS, AND SURVEYORS	68 853	59 104	6 396	1 761	1 329	3 306	3 353	-	689	2 489	47 099	17 444		
ARCHITECTS	4 592	2 828	245	46	39	180	1 499	-	109	306	2 516	1 634		
ENGINEERS	63 804	56 006	5 984	1 707	1 286	2 991	1 814	-	580	2 130	44 277	15 732		
ELECTRICAL AND ELECTRONIC ENGINEERS	15 310	14 065	853	302	79	472	392	-	156	517	10 608	3 703		
MECHANICAL ENGINEERS	5 811	5 432	227	56	25	146	152	-	30	158	3 968	1 555		
OTHER ENGINEERS	42 683	36 509	4 904	1 349	1 182	2 373	1 270	-	394	1 455	29 701	10 474		
SURVEYORS AND MAPPING SCIENTISTS	457	270	147	8	4	135	40	-	-	53	306	98		
MATHEMATICAL AND COMPUTER SCIENTISTS	9 199	7 993	885	282	185	418	321	-	54	351	6 422	2 254		
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	6 180	5 461	481	130	89	262	238	-	47	213	4 288	1 578		
NATURAL SCIENTISTS	5 414	3 899	1 248	450	397	401	267	-	87	271	3 416	1 489		
HEALTH DIAGNOSING OCCUPATIONS	23 760	11 096	3 899	774	982	2 143	8 758	7	325	2 369	7 318	13 343		
PHYSICIANS	16 955	8 600	3 633	721	924	1 988	4 715	7	236	963	4 142	11 309		
DENTISTS	3 946	1 428	177	35	45	97	2 341	-	26	993	1 983	880		
OTHER HEALTH DIAGNOSING PRACTITIONERS	2 859	1 068	89	18	13	58	1 702	-	63	413	1 193	1 154		
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	9 040	6 438	1 730	435	339	956	866	6	274	838	4 700	3 076		
REGISTERED NURSES	2 047	1 414	519	122	155	242	114	-	16	166	1 258	561		
PHARMACISTS	3 465	2 732	282	92	58	132	451	-	154	379	1 458	1 430		
TERAPISTS	2 474	1 723	505	159	90	256	240	6	63	196	1 627	565		
TEACHERS, LIBRARIANS, AND COUNSELORS	44 601	11 834	31 323	399	8 283	22 641	1 424	-	20	3 200	7 802	21 466	11 164	
TEACHERS, POSTSECONDARY	11 675	4 001	7 674	103	5 224	2 347	-	-	1 291	2 243	4 203	3 641		
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	15 503	2 249	13 235	49	1 353	11 833	19	-	655	2 384	8 688	3 451		
TEACHERS, SECONDARY	8 491	1 556	6 935	55	763	6 117	-	-	264	1 313	4 330	2 416		
SOCIAL SCIENTISTS AND URBAN PLANNERS	4 739	2 835	1 118	151	188	779	776	10	103	436	2 495	1 616		
SOCIAL AND RECREATION WORKERS	6 617	1 705	4 703	402	740	3 561	209	-	238	575	4 272	3 352		
RELIGIOUS WORKERS	5 946	5 121	47	28	5	14	778	-	214	543	1 656	3 445		
LAWYERS AND JUDGES	20 758	9 714	2 700	529	631	1 540	8 327	17	372	1 633	7 960	10 657		
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	53 423	37 318	1 660	344	468	848	14 246	199	3 744	8 619	23 046	16 433		
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	423 249	338 791	46 516	24 432	6 815	15 269	37 108	834	13 668	50 015	229 099	121 224		
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	65 354	53 777	9 636	3 417	2 535	3 684	1 909	32	1 576	5 930	40 061	16 477		
HEALTH TECHNOLOGISTS AND TECHNICIANS	8 018	5 794	2 059	580	473	1 006	150	15	215	993	4 601	2 061		
LICENSED PRACTICAL NURSES	904	723	136	34	6	96	38	7	129	531	232			
ENGINEERING AND SCIENCE TECHNICIANS	32 234	27 488	3 853	1 375	800	1 678	876	17	739	2 446	21 012	7 383		
ELECTRICAL AND ELECTRONIC TECHNICIANS	10 991	9 788	1 024	627	141	256	162	17	123	611	7 085	2 962		
DRAFTING AND SURVEYING TECHNICIANS	10 376	8 838	1 159	227	101	831	379	-	238	899	7 107	1 882		
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	25 102	20 495	3 724	1 462	1 262	1 000	883	-	622	2 491	14 448	7 033		
AIRPLANE PILOTS AND NAVIGATORS	2 197	2 050	99	52	-	47	48	-	86	711	783	519		
COMPUTER PROGRAMMERS	9 206	7 937	870	124	303	443	399	-	158	603	5 978	2 339		
SALES OCCUPATIONS	187 829	152 682	1 694	297	447	950	32 828	625	6 863	26 794	84 173	65 911		
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	35 716	24 316	109	53	10	46	11 103	188	677	1 882	12 841	19 615		
SELF-EMPLOYED	11 291	-	-	-	-	-	11 103	188	328	808	3 205	6 706		
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	47 217	35 520	746	107	218	421	10 829	122	1 470	5 063	22 952	16 828		
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL SERVICES	36 553	32 165	64	21	9	34	4 270	54	562	2 341	20 926	12 116		
SALES WORKERS, RETAIL AND PERSONAL SERVICES	67 911	60 375	733	92	210	431	6 542	261	4 144	17 461	27 211	17 239		
CASHIERS	14 592	13 647	444	35	161	248	442	59	997	5 316	5 512	2 296		
SALES RELATED OCCUPATIONS	432	306	42	24	-	18	84	10	47	243	113			

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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LOS ANGELES-
LONG BEACH, CA SMSA

	EMPLOYED PERSONS										PERSONS AT WORK					
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOUR			15 TO 34 HOURS			35 TO 40 HOURS		41+ HOURS	
		TOTAL	FEDERAL	STATE			LOCAL									
TOTAL																
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	170 066	132 332	35 186	20 718	3 833	10 635	2 371	177	5 229	17 291	104 865	38 836				
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	20 418	16 193	3 968	1 821	589	1 558	234	23	228	713	12 558	6 608				
COMPUTER EQUIPMENT OPERATORS	7 818	6 966	741	224	173	344	111	-	118	608	5 202	1 753				
SECRETARIES, STENOGRAPHERS, AND TYPISTS	4 310	3 046	957	274	168	515	302	5	264	590	2 699	658				
SECRETARIES	2 313	1 982	252	51	45	156	74	-	5	150	276	1 446	389			
RECEPTIONISTS	1 119	726	372	96	83	195	17	4	129	234	622	119				
FILE CLERKS	2 883	2 342	528	160	92	276	13	-	189	511	1 668	462				
FINANCIAL RECORDS PROCESSING OCCUPATIONS	12 243	10 448	1 237	409	234	594	497	61	472	1 440	7 479	2 614				
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	9 365	8 008	847	216	180	451	449	61	427	1 164	5 668	1 916				
TELEPHONE OPERATORS	1 634	1 491	137	19	27	91	6	-	92	190	1 065	275				
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	20 198	5 720	14 385	14 019	124	242	93	-	558	1 682	12 317	5 209				
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	34 152	32 122	1 928	617	237	1 074	82	20	854	3 479	22 078	6 874				
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	2 810	2 650	43	12	31	-	117	-	29	155	1 882	703				
BANK TELLERS	2 750	2 638	85	47	6	32	27	-	76	562	1 710	322				
DATA-ENTRY KEYERS	1 790	1 529	248	98	69	81	13	-	56	213	1 101	379				
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	57 941	46 461	10 557	2 922	2 000	5 635	859	64	2 164	6 914	34 484	12 860				
SERVICE OCCUPATIONS	192 350	138 186	44 824	4 107	5 676	35 041	8 773	567	10 942	32 433	103 340	39 830				
PRIVATE HOUSEHOLD OCCUPATIONS	1 891	1 860	-	-	-	-	31	-	300	480	759	328				
PROTECTIVE SERVICE OCCUPATIONS	38 916	15 851	22 695	1 339	1 534	19 822	358	12	897	3 142	19 798	13 971				
FIREFIGHTING OCCUPATIONS	4 436	164	4 258	243	107	3 908	14	-	8	74	788	3 483				
POLICE AND DETECTIVES, PUBLIC SERVICE	9 980	-	9 980	372	767	8 841	-	-	61	267	5 902	3 507				
GUARDS	18 442	14 817	3 282	306	345	2 431	331	12	790	2 695	9 438	4 855				
OTHER PROTECTIVE SERVICE OCCUPATIONS	6 058	870	5 175	218	315	4 642	13	-	38	106	3 670	2 126				
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	151 543	120 475	22 129	2 768	4 142	15 219	8 384	555	9 745	28 811	82 783	25 531				
FOOD PREPARATION AND SERVICE OCCUPATIONS	68 475	64 490	1 990	496	484	1 010	1 693	302	4 661	16 427	33 615	11 903				
WAITERS AND FOOD COUNTER WORKERS	11 847	11 568	105	39	12	54	147	27	935	4 353	4 885	1 315				
COOKS	27 456	25 442	855	195	217	443	1 013	146	1 710	5 716	13 252	6 114				
HEALTH SERVICE OCCUPATIONS	7 850	5 634	2 024	583	551	890	168	24	327	1 255	4 624	1 444				
NURSING AIDES, ORDERLIES, AND ATTENDANTS	5 650	3 951	1 507	445	419	643	168	24	241	886	3 380	982				
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	57 420	38 995	15 481	1 488	2 697	11 296	2 784	160	3 340	6 662	37 163	8 157				
PERSONAL SERVICE OCCUPATIONS	17 798	11 356	2 634	201	410	2 023	3 739	69	1 417	4 467	7 381	4 027				
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	7 314	4 076	39	16	-	23	3 186	13	275	1 090	3 392	2 398				
FARMING, FORESTRY, AND FISHING OCCUPATIONS	32 740	16 206	5 495	477	682	4 336	10 854	185	2 088	4 594	17 146	7 669				
FARM OPERATORS AND MANAGERS	2 144	755	41	15	8	18	1 348	-	66	285	778	947				
FARM OCCUPATIONS, EXCEPT MANAGERIAL	4 636	4 329	236	102	59	75	19	52	194	470	2 281	1 292				
RELATED AGRICULTURAL OCCUPATIONS	24 547	10 139	4 995	197	586	4 212	9 300	115	1 794	3 670	13 321	5 065				
FORESTRY AND FISHING OCCUPATIONS	1 413	983	223	163	29	31	187	20	34	169	766	345				
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	376 016	314 697	22 400	6 512	2 265	13 623	38 279	640	6 649	26 410	223 016	107 663				
MECHANICS AND REPAIRERS	113 775	96 648	7 809	2 538	794	4 477	9 155	163	1 989	5 763	68 335	34 550				
AUTOMOBILE MECHANICS, INCLUDING BODY	38 689	32 198	1 705	399	233	1 073	4 697	89	789	2 293	22 029	12 581				
AIRCRAFT MECHANICS	7 415	6 913	1 462	330	18	114	32	8	80	195	5 048	1 916				
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	4 005	3 190	428	109	43	276	382	5	92	239	2 706	876				
OTHER MECHANICS AND REPAIRERS	63 666	54 347	5 214	1 700	500	3 014	4 044	61	1 028	3 036	38 552	19 177				
CONSTRUCTION TRADES	119 248	87 996	8 886	1 990	943	5 953	22 076	290	2 811	14 304	72 913	24 435				
CARPENTERS	28 502	21 841	1 363	320	137	906	5 158	140	670	3 836	17 789	4 789				
ELECTRICIANS	14 144	11 182	1 817	477	199	1 141	1 129	16	249	898	9 222	3 310				
PAINTERS, CONSTRUCTION AND MAINTENANCE	16 194	10 157	1 348	278	204	866	4 650	39	566	2 462	9 907	2 497				
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	12 570	9 564	1 362	422	47	893	1 635	9	294	1 301	8 022	2 429				
OTHER CONSTRUCTION TRADES	47 838	35 252	2 996	493	356	2 147	9 504	86	1 032	5 807	27 973	11 410				
EXTRACTIVE OCCUPATIONS	1 435	1 340	44	5	6	33	51	-	80	710	541					
PRECISION PRODUCTION OCCUPATIONS	141 558	128 713	5 661	1 979	522	3 160	6 997	187	1 849	6 263	81 058	48 137				
SUPERVISORS, PRODUCTION OCCUPATIONS	55 084	51 547	2 063	664	190	1 209	1 417	57	515	1 352	30 191	21 897				
MANUFACTURING	40 380	39 083	533	440	20	73	747	17	354	826	22 222	16 207				
PRECISION METALWORKING OCCUPATIONS	41 508	38 300	1 557	937	143	477	1 615	36	469	1 828	22 878	14 861				
TOOL AND DIE MAKERS	5 633	5 263	77	48	21	8	293	-	66	244	2 538	2 577				
MACHINISTS	23 513	22 174	643	377	64	202	666	30	240	947	12 142	9 423				
SHEET METAL WORKERS	5 353	4 924	360	164	30	166	63	6	29	272	3 741	1 157				
OTHER PRECISION METAL WORKERS	7 009	5 939	477	348	28	101	593	-	134	365	4 437	1 704				
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	10 075	8 270	98	12	20	66	1 684	23	237	1 000	6 425	2 139				
PLANT AND SYSTEM OPERATORS	5 681	4 350	1 264	111	108	1 045	67	-	55	190	3 626	1 441				
OTHER PRECISION PRODUCTION OCCUPATIONS	29 210	26 246	679	255	61	363	2 214	71	573	1 893	17					

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B.]

LOS ANGELES-
LONG BEACH, CA SMSA

	PRIV. WAGE AND SALARY WORKERS	EMPLOYED PERSONS					PERSONS AT WORK					
		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS		
		TOTAL	FEDERAL	STATE								
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	435 965	401 739	21 298	5 017	2 674	13 607	12 303	625	12 018	43 447	262 895	100 954
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	211 867	200 606	6 557	2 377	933	3 247	4 472	232	3 538	12 954	142 261	45 631
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	140 438	133 217	4 005	1 253	626	2 126	3 074	142	2 196	8 334	93 172	31 565
METALWORKING AND PLASTIC WORKING	21 691	20 942	348	171	53	124	376	25	176	1 066	12 877	6 779
MACHINE OPERATORS	13 393	12 364	413	94	115	204	590	26	220	866	8 569	3 347
PRINTING MACHINE OPERATORS	13 756	12 414	473	85	78	310	831	38	386	1 159	10 035	1 782
TEXTILE, APPAREL, AND FURNISHINGS	1 738	1 672	60	15	-	45	6	-	42	96	1 248	294
TEXTILE MACHINE OPERATORS	6 910	6 601	142	24	-	118	148	19	155	384	5 501	675
LAUNDERING AND DRYCLEANING	2 844	1 968	251	39	72	140	611	14	156	450	1 642	514
MACHINE OPERATORS	40 356	38 322	1 236	400	205	631	779	19	624	2 530	26 623	9 066
OTHER SPECIFIED MACHINE OPERATORS	51 242	49 175	1 535	503	175	857	498	34	790	2 713	35 068	10 591
MISCELLANEOUS AND NOT SPECIFIED												
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	18 415	17 774	412	151	57	204	214	15	300	956	12 362	4 019
MACHINE OPERATORS, NOT SPECIFIED	32 827	31 401	1 123	352	118	653	284	19	490	1 757	22 706	6 572
INDUSTRY:												
MANUFACTURING	44 491	43 344	860	387	120	353	263	24	634	2 236	30 443	9 402
NONDURABLE GOODS	13 649	13 392	185	65	32	88	72	-	196	784	9 546	2 475
FOOD AND KINDRED PRODUCTS	2 235	2 211	24	5	-	19	-	-	32	102	1 437	507
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	1 573	1 544	17	-	5	12	-	-	30	128	1 076	287
PAPER AND ALLIED PRODUCTS	2 561	2 528	33	5	9	19	12	-	41	77	1 878	440
OTHER NONDURABLE GOODS	7 280	7 109	111	55	18	38	60	-	93	477	5 155	1 241
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	30 842	29 952	675	322	88	265	191	24	438	1 452	20 897	6 927
METAL INDUSTRIES	8 849	8 642	195	71	19	105	12	-	155	357	6 139	1 925
MACHINERY, INCLUDING ELECTRICAL	7 615	7 349	128	38	23	67	129	9	120	427	4 670	2 096
TRANSPORTATION EQUIPMENT	5 655	5 440	215	152	13	50	-	-	30	221	3 521	1 684
OTHER DURABLE GOODS	8 723	8 521	137	61	33	43	50	15	133	447	6 567	1 222
NONMANUFACTURING INDUSTRIES	6 751	5 831	675	116	55	504	235	10	156	477	4 625	1 189
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	876	526	332	27	15	290	18	-	11	12	685	142
WHOLESALE AND RETAIL TRADE	3 225	3 091	35	11	10	14	89	10	43	198	2 214	582
ALL OTHER INDUSTRIES	2 650	2 214	308	78	30	200	128	-	102	267	1 726	465
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	57 962	54 580	1 954	858	283	813	1 348	80	1 197	3 968	40 591	10 319
WELDERS AND CUTTERS	18 357	16 687	1 103	536	106	461	551	16	281	933	12 510	3 939
ASSEMBLERS	36 357	35 136	728	276	158	294	447	46	786	2 702	25 928	5 815
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	3 248	2 757	123	46	19	58	350	18	130	333	2 153	565
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	13 467	12 809	598	266	24	308	50	10	145	652	8 498	3 747
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	111 811	97 890	8 039	1 044	944	6 051	5 772	110	2 891	9 656	57 243	37 327
MOTOR VEHICLE OPERATORS	88 010	76 108	6 555	717	670	5 168	5 237	110	2 373	8 025	43 173	30 841
TRUCK DRIVERS AND DRIVER-SALES WORKERS	69 685	61 886	3 151	569	232	2 350	4 554	94	1 722	5 830	34 697	24 592
BUS DRIVERS	7 762	5 093	2 631	57	376	2 198	38	-	156	899	3 220	3 074
RAIL AND WATER TRANSPORTATION OCCUPATIONS	3 397	3 186	149	50	39	60	62	-	41	235	1 237	1 595
MATERIAL MOVING EQUIPMENT OPERATORS	20 404	18 596	1 335	277	235	823	473	-	477	1 396	12 833	4 891
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	735	552	49	8	-	41	134	-	45	116	368	178
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	112 287	103 243	6 702	1 596	797	4 309	2 059	283	5 589	20 837	63 391	17 996
CONSTRUCTION LABORERS	18 121	16 522	1 543	95	190	1 258	-	56	691	2 757	11 360	2 407
FREIGHT, STOCK, AND MATERIAL HANDLERS	33 701	31 602	1 721	725	158	838	315	63	2 346	10 678	14 475	5 123
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	7 222	6 708	252	30	13	209	245	17	563	1 862	2 995	1 589
HAND PACKERS AND PACKAGERS	9 116	8 877	214	73	53	88	-	-	290	768	6 362	1 323
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	11 655	10 508	806	197	106	503	287	54	546	1 573	7 154	1 871
LABORERS, EXCEPT CONSTRUCTION	32 472	29 026	2 166	476	277	1 413	1 187	93	1 153	3 199	21 045	5 683
MANUFACTURING	13 073	12 721	293	169	29	95	54	5	295	922	9 273	1 976
NONDURABLE GOODS	4 902	4 812	81	15	9	57	9	-	132	335	3 387	821
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	8 171	7 909	212	154	20	38	45	5	163	587	5 886	1 155
METAL INDUSTRIES	2 211	2 174	32	11	13	8	-	5	45	140	1 545	354
NONMANUFACTURING INDUSTRIES	19 399	16 305	1 873	307	248	1 318	1 133	88	858	2 277	11 772	3 707
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	3 506	2 790	687	36	7	644	29	-	93	264	2 419	598
WHOLESALE AND RETAIL TRADE	10 206	9 936	62	27	14	21	178	30	345	1 077	6 399	2 003
ALL OTHER INDUSTRIES	5 687	3 579	1 124	244	227	653	926	58	420	936	2 954	1 106

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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LOS ANGELES-
LONG BEACH, CA SMSA

	PRIV. WAGE AND SALARY TOTAL WORKERS	EMPLOYED PERSONS						PERSONS AT WORK				
		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS		
		TOTAL	FEDERAL	STATE								
TOTAL												
FEMALES 16 YEARS AND OVER	1 492 132	1 175 640	248 495	38 230	46 019	164 246	58 679	9 318	79 619	307 043	863 021	188 314
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	335 514	212 033	98 845	8 121	17 948	72 776	22 833	1 803	17 947	56 650	188 200	63 000
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	142 007	113 587	17 842	4 061	4 502	9 279	9 209	1 369	3 380	14 183	88 337	32 751
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	2 046	13	2 033	555	311	1 167	-	-	56	190	1 405	316
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	5 118	2 254	2 678	35	885	1 758	176	10	298	731	2 729	1 275
MANAGERS, MEDICINE AND HEALTH	2 229	1 621	444	64	126	254	146	18	75	195	1 287	616
OTHER SPECIFIED MANAGERS	22 276	19 971	853	325	118	410	1 244	208	838	2 391	12 829	5 614
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	53 903	49 182	4 721	706	952	3 063	-	-	990	5 394	33 265	13 015
MANAGERS AND ADMINISTRATORS, N.E.C., WHOLESALE AND RETAIL TRADE	8 723	8 694	29	7	5	17	-	-	66	488	5 725	2 259
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	3 548	3 343	205	84	10	111	-	-	22	149	2 292	989
ALL OTHER INDUSTRIES	12 546	12 453	93	19	19	55	-	-	277	1 553	6 886	3 503
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	29 086	24 692	4 394	596	918	2 880	-	-	625	3 204	18 362	6 264
CONSTRUCTION	6 669	-	-	-	-	-	5 708	961	359	1 168	2 351	2 624
MANUFACTURING	146	-	-	-	-	-	108	38	24	29	75	18
WHOLESALE AND RETAIL TRADE	1 262	-	-	-	-	-	1 124	138	36	213	566	439
ALL OTHER INDUSTRIES	2 834	-	-	-	-	-	2 496	338	133	405	988	1 230
MANAGEMENT RELATED OCCUPATIONS	2 427	-	-	-	-	-	1 980	447	166	521	722	937
ACCOUNTANTS AND AUDITORS	49 766	40 546	7 113	2 376	2 110	2 627	1 935	172	764	4 114	34 471	9 291
BUYERS AND PURCHASING AGENTS	18 216	15 141	2 267	902	502	863	691	117	305	1 449	12 598	3 539
7 106	6 453	455	169	67	219	186	12	66	564	4 900	1 406	
PROFESSIONAL SPECIALTY OCCUPATIONS	193 507	98 446	81 003	4 060	13 446	63 497	13 624	434	14 567	42 467	99 863	30 249
ENGINEERS, ARCHITECTS, AND SURVEYORS	4 352	3 858	294	172	36	86	200	-	78	300	3 044	831
ARCHITECTS	503	300	45	21	7	17	158	-	52	65	238	148
ENGINEERS	3 829	3 546	241	151	21	69	42	-	26	227	2 794	683
ELECTRICAL AND ELECTRONIC ENGINEERS	998	980	18	13	-	5	-	-	-	11	745	235
MECHANICAL ENGINEERS	117	105	6	-	-	6	-	-	7	93	17	
OTHER ENGINEERS	2 714	2 461	217	138	21	58	36	-	26	209	1 956	431
SURVEYORS AND MAPPING SCIENTISTS	20	12	8	-	8	-	-	-	-	8	12	-
MATHEMATICAL AND COMPUTER SCIENTISTS	4 031	3 443	535	161	141	233	47	6	55	267	2 928	667
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	2 463	2 178	239	95	43	101	40	6	34	135	1 797	450
NATURAL SCIENTISTS	1 908	1 445	399	192	111	96	64	-	37	218	1 248	323
HEALTH DIAGNOSING OCCUPATIONS	3 675	1 766	1 025	162	267	596	856	28	148	697	1 484	1 244
PHYSICIANS	2 699	1 246	942	144	261	537	491	20	100	396	1 098	1 055
DENTISTS	425	215	40	13	6	21	162	8	-	141	163	113
OTHER HEALTH DIAGNOSING PRACTITIONERS	551	305	43	5	-	38	203	-	48	160	223	96
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	45 759	34 937	9 745	1 496	1 995	6 254	1 004	73	1 614	9 067	25 728	7 634
REGISTERED NURSES	37 862	29 506	7 739	1 246	1 651	4 842	564	53	1 164	7 454	21 186	6 564
PHARMACISTS	1 125	963	119	10	40	69	36	7	92	265	618	119
THERAPISTS	4 698	2 950	1 435	114	213	1 108	300	13	261	1 028	2 567	720
TEACHERS, LIBRARIANS, AND COUNSELORS	85 294	23 333	59 448	984	9 039	49 425	2 477	36	8 593	22 095	42 374	9 662
TEACHERS, POSTSECONDARY	6 995	2 081	4 914	52	2 727	2 135	-	-	1 385	2 143	2 094	1 031
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	53 370	13 385	39 865	641	3 973	35 251	105	15	3 554	13 525	29 171	5 552
TEACHERS, SECONDARY	10 937	2 174	8 763	89	886	7 788	-	-	1 013	2 594	5 457	1 564
SOCIAL SCIENTISTS AND URBAN PLANNERS	3 833	1 930	1 139	93	280	766	744	20	271	750	1 961	801
SOCIAL AND RECREATION WORKERS	9 455	3 319	5 707	368	702	4 637	413	16	458	1 477	6 066	1 401
RELIGIOUS WORKERS	1 407	1 246	6	-	-	6	155	-	213	306	468	
LAWYERS AND JUDGES	4 365	2 610	1 071	217	309	545	679	5	116	464	2 060	1 603
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	29 428	20 559	1 634	215	566	853	6 985	250	2 984	6 826	12 522	5 913
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	716 850	588 926	102 094	24 191	19 521	58 382	20 060	5 770	34 359	145 527	434 116	80 496
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	42 148	34 406	6 884	1 414	1 982	3 488	692	166	1 452	6 972	25 474	6 742
HEALTH TECHNOLOGISTS AND TECHNICIANS	24 522	20 415	3 572	679	755	2 138	445	90	789	4 642	14 351	3 679
LICENSED PRACTICAL NURSES	12 229	10 363	1 484	280	149	1 055	360	22	401	2 638	6 660	1 798
ENGINEERING AND SCIENCE TECHNICIANS	7 202	6 165	954	236	340	378	78	5	328	897	4 626	1 183
ELECTRICAL AND ELECTRONIC TECHNICIANS	1 414	1 317	97	33	13	51	-	-	11	127	907	344
DRAFTING AND SURVEYING TECHNICIANS	2 335	2 003	292	69	58	165	40	-	75	288	1 593	310
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	10 424	7 826	2 358	499	887	972	169	71	335	1 433	6 497	1 880
AIRPLANE PILOTS AND NAVIGATORS	29	29	-	-	-	-	-	-	-	13	7	9
COMPUTER PROGRAMMERS	3 807	3 322	416	65	83	268	69	-	84	320	2 717	609
SALES OCCUPATIONS	159 271	141 151	2 772	627	816	1 329	13 777	1 571	13 169	54 631	66 727	19 252
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	14 721	10 444	153	25	29	99	3 767	357	451	2 298	7 561	3 919
SELF-EMPLOYED	4 124	-	-	-	-	-	3 767	357	275	1 063	1 268	1 391
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	31 059	26 032	394	131	96	167	4 534	99	1 846	6 316	15 442	6 524
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	9 903	8 876	12	5	-	7	899	116	425	1 678	5 956	1 681
SALES WORKERS, RETAIL AND PERSONAL SERVICES	103 092	95 349	2 209	466	691	1 052	4 535	999	10 359	44 138	37 636	7 103
CASHIERS	40 962	38 658	1 568	281	456	831	455	281	3 120	17 953	15 406	2 871
SALES RELATED OCCUPATIONS	496	450	4	-	-	4	42	-	88	201	132	25

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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LOS ANGELES- LONG BEACH, CA SMSA	EMPLOYED PERSONS										PERSONS AT WORK				
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS		15 TO 34 HOURS		35 TO 40 HOURS		41+ HOURS		
		TOTAL	FEDERAL	STATE			1	TO	14	15	TO	34	35	TO	40
TOTAL															
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	515 431	413 369	92 438	22 150	16 723	53 565	5 591	4 033	19 738	83 924	341 915	54 502			
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	25 024	20 103	4 524	1 087	995	2 442	243	154	288	1 393	17 656	5 139			
COMPUTER EQUIPMENT OPERATORS	10 389	9 090	1 261	380	153	728	34	4	200	919	7 302	1 652			
SECRETARIES, STENOGRAPHERS, AND TYPISTS	162 838	128 414	30 899	5 337	5 905	19 657	2 083	1 442	5 719	24 543	114 066	14 133			
SECRETARIES	130 041	110 858	16 675	3 358	3 740	9 577	1 154	1 354	4 433	18 651	92 106	11 903			
RECEPTIONISTS	20 542	18 269	1 950	383	633	934	119	204	947	4 058	13 318	1 582			
FILE CLERKS	8 943	7 594	1 303	328	208	767	26	20	738	1 910	5 326	646			
FINANCIAL RECORDS PROCESSING OCCUPATIONS	72 124	64 246	4 730	1 041	766	2 923	1 838	1 310	2 798	12 395	46 759	8 274			
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	58 165	51 925	3 152	690	494	1 968	1 800	1 288	2 507	10 663	36 887	6 618			
TELEPHONE OPERATORS	12 929	11 781	1 110	249	190	671	14	24	464	1 724	9 069	1 066			
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	9 609	2 979	6 570	6 102	81	387	33	27	280	1 089	6 096	1 816			
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	13 077	12 117	921	475	107	339	16	23	400	1 419	9 056	1 751			
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	4 571	4 439	132	31	72	29	-	-	59	314	3 536	565			
BANK TELLERS	16 356	15 553	787	504	125	158	-	-	325	3 523	10 403	1 578			
DATA-ENTRY KEYERS	14 311	12 687	1 526	411	318	797	88	10	278	1 523	10 070	1 930			
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	144 718	106 097	36 725	5 822	7 170	23 733	1 081	815	7 242	29 114	89 260	14 370			
SERVICE OCCUPATIONS	218 210	167 171	39 654	3 599	7 124	28 931	10 343	1 042	21 030	76 757	91 529	18 738			
PRIVATE HOUSEHOLD OCCUPATIONS	24 788	24 749	-	-	-	-	39	-	3 627	6 193	11 090	2 634			
PROTECTIVE SERVICE OCCUPATIONS	5 751	2 503	3 243	256	356	2 631	5	-	247	1 084	3 088	954			
FIREFIGHTING OCCUPATIONS	39	5	34	17	7	10	-	-	-	5	34	-			
POLICE AND DETECTIVES, PUBLIC SERVICE	1 087	-	1 087	53	124	910	-	-	-	39	743	275			
GUARDS	3 885	2 391	1 489	151	128	1 210	5	-	236	1 007	1 761	561			
OTHER PROTECTIVE SERVICE OCCUPATIONS	740	107	633	35	97	501	-	-	11	33	550	118			
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	187 671	139 919	36 411	3 343	6 768	26 300	10 299	1 042	17 156	69 480	77 351	15 150			
FOOD PREPARATION AND SERVICE OCCUPATIONS	70 427	59 963	8 481	566	1 445	6 470	1 355	628	7 116	32 235	23 300	4 661			
WAITERS AND FOOD COUNTER WORKERS	39 488	38 387	353	62	80	211	448	300	3 664	20 358	11 724	2 093			
COOKS	12 568	9 261	2 461	157	365	1 939	588	258	1 047	3 960	5 514	1 436			
HEALTH SERVICE OCCUPATIONS	43 149	35 377	7 256	1 425	1 808	4 023	315	201	2 198	9 644	25 116	4 071			
NURSING AIDS, ORDERLIES, AND ATTENDANTS	29 585	22 920	6 236	1 200	1 605	3 431	315	114	1 552	6 321	17 225	2 765			
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	23 500	18 493	3 785	463	801	2 521	1 139	83	1 924	4 735	14 119	1 511			
PERSONAL SERVICE OCCUPATIONS	50 595	26 086	16 889	889	2 714	13 286	7 490	130	5 918	22 866	14 816	4 907			
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	15 775	10 950	97	-	29	68	4 692	36	829	5 974	6 550	1 896			
FARMING, FORESTRY, AND FISHING OCCUPATIONS	5 262	3 561	677	90	175	412	953	71	494	1 344	2 122	930			
FARM OPERATORS AND MANAGERS	600	192	-	-	-	-	408	-	39	123	206	218			
FARM OCCUPATIONS, EXCEPT MANAGERIAL	1 853	1 638	175	36	69	70	11	29	122	427	820	280			
RELATED AGRICULTURAL OCCUPATIONS	2 670	1 682	447	38	86	323	505	36	314	774	1 050	417			
FORESTRY AND FISHING OCCUPATIONS	139	49	55	16	20	19	29	6	19	20	46	15			
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	47 649	43 208	1 660	571	277	792	2 528	273	924	5 118	31 459	7 842			
MECHANICS AND REPAIRERS	5 674	5 175	276	83	26	167	194	29	62	519	3 682	1 126			
AUTOMOBILE MECHANICS, INCLUDING BODY	540	485	10	10	-	-	38	7	8	60	293	140			
AIRCRAFT MECHANICS	385	339	46	15	17	14	-	-	-	9	256	96			
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	56	36	4	-	-	4	10	6	-	-	37	19			
OTHER MECHANICS AND REPAIRERS	4 693	4 315	216	58	9	149	146	16	54	450	3 096	871			
CONSTRUCTION TRADES	2 806	2 033	195	76	27	92	542	36	171	436	1 624	466			
CARPENTERS	438	301	34	29	5	-	97	6	46	58	246	68			
ELECTRICIANS	429	370	38	17	-	21	21	-	8	28	301	86			
PAINTERS, CONSTRUCTION AND MAINTENANCE	759	544	24	12	-	12	184	7	55	132	431	112			
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	140	140	-	-	-	-	-	-	-	-	114	18			
OTHER CONSTRUCTION TRADES	1 040	678	99	18	22	59	240	23	62	218	532	182			
EXTRACTIVE OCCUPATIONS	60	60	-	-	-	-	-	-	-	6	20	34			
PRECISION PRODUCTION OCCUPATIONS	39 109	35 940	1 169	412	224	533	1 792	208	691	4 157	26 133	6 216			
SUPERVISORS, PRODUCTION OCCUPATIONS	12 361	11 611	338	92	80	166	368	64	151	892	8 374	2 604			
MANUFACTURING	8 816	8 434	87	28	20	39	271	24	129	547	6 020	1 849			
PRECISION METALWORKING OCCUPATIONS	3 190	2 941	101	71	6	24	121	27	34	346	2 188	517			
TOOL AND DIE MAKERS	83	72	-	-	-	-	6	5	-	5	59	13			
MACHINISTS	1 221	1 180	30	13	-	17	7	4	18	122	822	228			
SHEET METAL WORKERS	1 132	1 09	23	23	-	-	-	-	-	-	96	36			
OTHER PRECISION METAL WORKERS	1 754	1 580	48	35	6	7	108	18	16	219	1 211	240			
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	7 276	5 925	181	15	26	140	1 107	63	275	1 243	4 287	816			
PLANT AND SYSTEM OPERATORS	206	157	49	17	5	27	-	-	-	32	140	34			
OTHER PRECISION PRODUCTION OCCUPATIONS	16 056	15 306	500	217	107	176	196	54	231	1 644	11 144	2 245			

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

LOS ANGELES- LONG BEACH, CA SMSA	EMPLOYED PERSONS								PERSONS AT WORK					
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				15 TO 34 HOURS		35 TO 40 HOURS	
		TOTAL	FEDERAL	STATE			1	TO	14	15	TO	34	35	TO
TOTAL														
OPERATORS, FABRICATORS, AND LABORERS	168 647	160 741	5 585	1 658	974	2 953	1 962	359	4 865	21 647	115 595	17 308		
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	129 104	124 372	3 113	1 204	613	1 296	1 434	185	2 974	13 008	92 313	13 623		
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION METALWORKING AND PLASTIC WORKING	82 992	79 812	1 845	626	427	792	1 160	175	2 178	9 381	58 845	7 929		
MACHINE OPERATORS	3 629	3 496	94	56	4	34	39	-	90	263	2 354	736		
PRINTING MACHINE OPERATORS	3 721	3 404	145	19	71	55	162	10	103	668	2 280	514		
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	42 646	41 318	719	135	174	410	504	105	1 247	5 182	30 758	3 146		
TEXTILE MACHINE OPERATORS	1 080	1 036	16	-	-	16	28	-	19	137	698	167		
TEXTILE SEWING MACHINE OPERATORS	35 550	34 623	513	110	115	288	349	65	1 016	4 169	26 017	2 415		
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	2 656	2 384	153	11	51	91	86	33	120	399	1 741	282		
OTHER SPECIFIED MACHINE OPERATORS	11 299	10 795	280	108	66	106	187	37	305	1 451	7 593	1 257		
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	21 697	20 799	607	308	112	187	268	23	433	1 817	15 860	2 282		
OCCUPATION:														
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	7 495	7 138	185	131	10	44	160	12	234	652	5 376	864		
MACHINE OPERATORS, NOT SPECIFIED	14 202	13 661	422	177	102	143	108	11	199	1 165	10 484	1 418		
INDUSTRY:														
MANUFACTURING	19 228	18 710	411	224	64	123	98	9	364	1 478	14 277	1 989		
NONDURABLE GOODS	7 924	7 773	107	53	22	32	40	4	151	666	6 066	642		
FOOD AND KINDRED PRODUCTS	802	788	14	8	-	6	-	-	19	76	603	82		
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	2 022	1 999	16	7	-	9	7	-	52	144	1 598	101		
PAPER AND ALLIED PRODUCTS	941	924	17	17	-	-	-	-	22	79	699	96		
OTHER NONDURABLE GOODS	4 159	4 062	60	21	22	17	33	4	58	367	3 166	363		
DURABLE GOODS INCLUDING NOT SPECIFIED MFG	11 304	10 937	304	171	42	91	58	5	213	812	8 211	1 347		
METAL INDUSTRIES	1 951	1 900	51	26	-	25	-	-	39	146	1 315	341		
MACHINERY, INCLUDING ELECTRICAL	3 122	3 007	85	33	11	41	25	5	32	188	2 282	424		
TRANSPORTATION EQUIPMENT	1 288	1 183	105	80	25	-	-	-	27	69	888	229		
OTHER DURABLE GOODS	4 943	4 847	63	32	6	25	33	-	115	409	3 726	553		
NONMANUFACTURING INDUSTRIES	2 469	2 089	196	84	48	64	170	14	69	359	1 583	293		
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	156	106	50	45	-	5	-	-	11	6	102	32		
WHOLESALE AND RETAIL TRADE	1 204	1 035	25	7	11	7	137	7	39	203	727	126		
ALL OTHER INDUSTRIES	1 109	948	121	32	37	52	33	7	19	130	754	135		
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	33 257	32 039	951	414	148	389	257	10	592	2 611	24 603	3 758		
WELDERS AND CUTTERS	1 396	1 356	28	19	-	9	42	-	30	98	934	196		
ASSEMBLERS	29 520	28 452	892	373	148	371	166	10	513	2 289	21 985	3 293		
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	2 341	2 231	31	22	-	9	79	-	49	224	1 684	269		
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	12 855	12 521	317	164	38	115	17	-	204	1 016	8 865	1 936		
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	8 601	6 720	1 542	94	195	1 253	285	54	381	2 303	3 866	1 609		
MOTOR VEHICLE OPERATORS	7 160	5 324	1 497	80	195	1 222	285	54	349	2 183	2 937	1 362		
TRUCK DRIVERS AND DRIVER-SALES WORKERS	2 703	2 337	127	29	12	86	199	40	165	517	1 359	564		
BUS DRIVERS	3 478	2 174	1 302	51	171	1 080	2	-	107	1 372	1 214	593		
RAIL AND WATER TRANSPORTATION OCCUPATIONS	106	106	-	-	-	-	-	-	23	34	32			
MATERIAL MOVING EQUIPMENT OPERATORS	1 335	1 290	45	14	-	31	-	-	32	97	895	215		
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	74	74	-	-	-	-	-	-	-	9	44	15		
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	30 942	29 649	930	360	166	404	243	120	1 510	6 336	19 416	2 076		
CONSTRUCTION LABORERS	390	371	19	4	15	-	-	-	40	38	264	48		
FREIGHT, STOCK, AND MATERIAL HANDLERS	7 005	6 610	311	209	43	59	47	37	654	3 136	2 578	347		
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	408	378	13	6	-	7	5	12	-	123	225	45		
HAND PACKERS AND PACKAGERS	15 090	14 857	164	39	39	86	48	21	436	2 011	10 790	924		
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	1 384	1 242	84	5	28	51	34	24	94	226	884	117		
LABORERS, EXCEPT CONSTRUCTION	6 665	6 191	339	97	41	201	109	26	286	802	4 675	595		
MANUFACTURING	3 570	3 453	96	17	17	62	21	-	73	284	2 709	311		
NONDURABLE GOODS	1 771	1 736	30	-	-	30	5	-	45	136	1 402	95		
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 799	1 717	66	17	17	32	16	-	28	148	1 307	216		
METAL INDUSTRIES	344	344	-	-	-	-	-	-	7	9	255	41		
NONMANUFACTURING INDUSTRIES	3 095	2 738	243	80	24	139	88	26	213	518	1 966	284		
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	312	275	37	7	-	30	-	-	5	22	243	34		
WHOLESALE AND RETAIL TRADE	1 881	1 838	-	-	-	-	38	5	95	277	1 230	202		
ALL OTHER INDUSTRIES	902	625	206	73	24	109	50	21	113	219	493	48		

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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LOS ANGELES-
LONG BEACH, CA SMSA

	EMPLOYED PERSONS										PERSONS AT WORK					
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				15 TO 34 HOURS		35 TO 40 HOURS		41+ HOURS	
		TOTAL	FEDERAL	STATE			LOCAL									
WHITE																
MALES 16 YEARS AND OVER	1 437 931	1 145 278	145 547	32 130	25 152	88 265	144 385	2 721	43 190	147 523	755 089	455 026				
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	431 263	308 415	62 062	9 131	14 167	38 764	60 120	666	10 987	32 042	210 816	170 110				
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	222 078	177 912	18 730	4 943	3 424	10 363	24 994	442	3 249	10 240	107 013	98 332				
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	3 156	18	3 138	930	478	1 730	-	-	34	122	2 160	806				
MANAGEMENT RELATED OCCUPATIONS	50 191	36 146	7 085	2 743	1 193	3 149	6 915	45	863	2 756	27 391	18 538				
PROFESSIONAL SPECIALTY OCCUPATIONS	209 185	130 505	43 332	4 188	10 743	28 401	35 126	224	7 738	21 802	103 803	71 778				
ENGINEERS AND NATURAL SCIENTISTS	68 146	58 233	6 446	1 980	1 356	3 110	3 467	-	744	2 613	45 492	18 151				
ENGINEERS	52 310	46 195	4 473	1 374	869	2 230	1 642	-	527	1 780	35 503	13 602				
HEALTH DIAGNOSING OCCUPATIONS	19 971	9 450	3 169	664	888	1 617	7 345	7	289	2 177	5 984	11 197				
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	6 105	4 391	990	252	219	519	718	6	213	583	2 909	2 312				
TEACHERS, LIBRARIANS, AND COUNSELORS	36 801	9 959	25 527	236	6 775	18 516	1 295	20	2 517	6 162	17 418	9 912				
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	19 587	3 147	16 426	72	1 617	14 737	14	-	652	2 753	10 562	5 220				
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	317 507	257 581	28 240	14 859	4 696	8 685	31 059	627	10 439	38 938	163 603	97 856				
HEALTH TECHNOLOGISTS AND TECHNICIANS	4 826	3 659	1 046	280	294	472	106	15	148	684	2 538	1 378				
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	44 333	37 189	5 592	2 210	1 592	1 790	1 535	17	1 091	4 112	26 242	11 895				
SALES OCCUPATIONS	153 950	124 851	1 182	192	378	612	27 448	469	5 629	21 984	67 676	55 585				
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	28 264	19 619	70	45	5	20	8 457	118	521	1 622	9 915	15 682				
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	73 033	58 641	649	91	182	376	13 587	156	1 797	6 521	37 703	25 815				
OTHER SALES OCCUPATIONS	52 653	46 591	463	56	191	216	5 404	195	3 311	13 841	20 058	14 088				
CASHIERS	9 661	9 118	248	11	142	95	257	38	722	3 817	3 349	1 514				
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	114 398	91 882	20 420	12 177	2 432	5 811	1 970	126	3 571	12 158	67 147	28 998				
COMPUTER EQUIPMENT OPERATORS	5 164	4 681	414	97	126	191	69	-	96	389	3 252	1 351				
SECRETARIES, STENOGRAPHERS, AND TYPISTS	3 167	2 309	575	159	132	284	278	5	210	482	1 904	524				
FINANCIAL RECORDS PROCESSING OCCUPATIONS	8 211	7 028	689	272	139	278	437	57	342	1 137	4 700	1 865				
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	12 526	3 847	8 615	8 366	87	162	64	-	400	1 036	7 456	3 400				
SERVICE OCCUPATIONS	117 078	83 166	27 402	1 793	2 985	22 624	6 125	385	7 646	22 951	57 042	26 170				
PRIVATE HOUSEHOLD OCCUPATIONS	1 032	1 018	-	-	-	-	-	-	207	291	365	145				
PROTECTIVE SERVICE OCCUPATIONS	28 493	10 554	17 608	915	994	15 699	319	12	687	2 263	13 680	11 189				
POLICE AND FIREFIGHTERS	11 780	102	11 669	471	604	10 594	9	-	45	239	5 280	5 987				
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	87 553	71 594	9 794	878	1 991	6 925	5 792	373	6 752	20 397	42 997	14 836				
FOOD SERVICE OCCUPATIONS	40 572	38 643	829	148	237	444	894	206	3 417	12 048	17 556	6 422				
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	30 496	21 587	6 858	462	1 233	5 163	1 922	129	2 125	4 360	18 430	4 599				
FARMING, FORESTRY, AND FISHING OCCUPATIONS	18 087	9 312	3 288	317	418	2 553	5 377	110	1 409	2 572	9 423	3 975				
FARM OPERATORS AND MANAGERS	1 578	572	34	15	8	11	972	-	60	206	565	695				
FARM WORKERS AND RELATED OCCUPATIONS	15 483	8 047	3 088	185	392	2 511	4 258	90	1 322	2 213	8 347	3 012				
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	280 131	233 356	14 575	3 740	1 584	9 251	31 778	422	4 810	20 573	159 689	86 139				
MECHANICS AND REPAIRERS	83 736	71 486	4 864	1 379	580	2 905	7 290	96	1 382	4 646	48 231	27 285				
CONSTRUCTION TRADES	92 623	67 733	5 973	1 170	647	4 156	18 715	202	2 089	11 358	55 004	20 530				
PRECISION PRODUCTION OCCUPATIONS	102 610	93 050	3 706	1 186	357	2 163	5 730	124	1 339	4 509	55 881	37 879				
OPERATORS, FABRICATORS, AND LABORERS	273 865	253 448	9 980	2 290	1 302	6 388	9 926	511	7 899	30 447	154 516	70 776				
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	85 183	80 525	1 919	556	270	1 093	2 632	107	1 393	5 497	53 756	21 335				
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	43 652	40 933	1 456	646	142	668	1 191	72	926	3 081	28 573	9 708				
TRANSPORTATION OCCUPATIONS	61 777	54 781	2 946	353	364	2 229	3 959	91	1 618	5 907	27 519	24 222				
MOTOR VEHICLE OPERATORS	59 175	52 310	2 869	331	347	2 191	3 905	91	1 589	5 721	26 620	22 941				
MATERIAL MOVING EQUIPMENT OPERATORS	13 326	12 120	785	152	130	503	421	-	303	1 082	7 896	3 472				
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	69 927	65 089	2 874	583	396	1 895	1 723	241	3 659	14 880	36 772	12 039				
CONSTRUCTION LABORERS	11 500	10 688	756	45	145	566	-	56	465	1 904	7 012	1 628				
FREIGHT, STOCK, AND MATERIEL HANDLERS	22 130	21 243	572	216	51	303	259	56	1 596	7 656	8 738	3 468				

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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LOS ANGELES-
LONG BEACH, CA SMSA

	PRIV. WAGE AND SALARY WORKERS	EMPLOYED PERSONS					SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	PERSONS AT WORK			
		TOTAL	GOVERNMENT WORKERS			1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS			
			FEDERAL	STATE	LOCAL							
WHITE												
FEMALES 16 YEARS AND OVER	1 059 582	852 012	152 470	19 928	30 124	102 418	47 680	7 420	60 747	235 383	584 802	143 334
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	260 742	170 091	69 806	4 952	13 225	51 629	19 352	1 493	14 980	45 944	140 103	52 648
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	112 662	93 182	11 285	2 498	3 110	5 677	7 102	1 093	2 699	12 009	67 877	27 691
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	1 353	13	1 340	406	217	717	-	-	41	152	864	252
MANAGEMENT RELATED OCCUPATIONS	37 052	31 193	4 020	1 426	1 230	1 364	1 685	154	552	3 227	24 595	7 897
PROFESSIONAL SPECIALTY OCCUPATIONS	148 080	76 909	58 521	2 454	10 115	45 952	12 250	400	12 281	33 935	72 226	24 957
ENGINEERS AND NATURAL SCIENTISTS	7 903	6 809	787	342	202	243	301	6	123	653	5 406	1 523
ENGINEERS	2 940	2 766	132	86	7	39	42	-	22	173	2 067	598
HEALTH DIAGNOSING OCCUPATIONS	2 583	1 296	647	135	183	329	620	20	127	534	949	910
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	30 832	24 103	5 874	773	1 396	3 705	788	67	1 312	7 205	15 705	5 502
TEACHERS, LIBRARIANS, AND COUNSELORS	66 583	19 215	45 063	588	7 020	37 455	2 284	21	7 118	16 944	32 180	8 364
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	49 297	12 709	36 523	423	3 626	32 474	65	-	3 650	11 916	26 157	6 163
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	527 065	448 811	56 611	12 339	12 073	32 199	16 858	4 785	26 605	115 942	307 489	61 503
HEALTH TECHNOLOGISTS AND TECHNICIANS	14 986	12 987	1 578	348	426	804	339	82	572	3 502	7 936	2 326
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	12 788	10 225	2 270	501	874	895	217	76	433	1 811	7 759	2 500
SALES OCCUPATIONS: PROPRIETORS, SALES OCCUPATIONS	125 868	111 947	1 537	244	540	753	11 317	1 067	10 627	44 468	51 267	15 384
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	11 728	8 601	100	20	24	56	2 810	217	370	1 913	6 052	3 077
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	35 070	29 732	213	40	64	109	4 935	190	2 020	7 001	17 821	7 307
OTHER SALES OCCUPATIONS	79 070	73 614	1 224	184	452	588	3 572	660	8 237	35 554	27 394	5 000
CASHIERS	28 716	27 442	970	118	344	508	194	110	2 051	13 319	10 445	1 791
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	373 423	313 652	51 226	11 246	10 233	29 747	4 985	3 560	14 973	66 161	240 527	41 293
COMPUTER EQUIPMENT OPERATORS	6 820	6 270	528	168	78	282	-	-	124	644	4 645	1 218
SECRETARIES, STENOGRAPHERS, AND TYPISTS	126 010	104 257	18 568	3 102	3 829	11 637	1 891	1 294	4 590	20 702	86 164	11 393
FINANCIAL RECORDS PROCESSING OCCUPATIONS	56 577	50 907	2 779	601	451	1 727	1 688	1 203	2 507	10 733	35 201	6 705
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	4 787	2 113	2 614	2 403	66	145	33	27	183	711	2 792	936
SERVICE OCCUPATIONS	141 222	111 006	22 165	1 558	4 080	16 527	7 371	680	15 202	55 460	52 389	12 293
PRIVATE HOUSEHOLD OCCUPATIONS	12 452	12 421	-	-	-	-	31	-	2 186	3 070	5 242	1 440
PROTECTIVE SERVICE OCCUPATIONS	3 872	1 718	2 149	143	227	1 779	5	-	200	809	1 898	722
POLICE AND FIREFIGHTERS	810	-	810	59	78	673	-	-	-	38	538	227
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	124 898	96 867	20 016	1 415	3 853	14 748	7 335	680	12 816	51 581	45 249	10 131
FOOD SERVICE OCCUPATIONS	52 694	46 403	5 172	196	839	4 137	792	327	5 777	25 944	15 711	3 173
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	10 934	8 914	1 218	120	330	768	738	64	1 199	2 524	5 935	749
FARMING, FORESTRY, AND FISHING OCCUPATIONS	3 528	2 359	417	42	78	297	716	36	364	949	1 326	652
FARM OPERATORS AND MANAGERS	422	145	-	-	-	-	277	-	35	89	136	155
FARM WORKERS AND RELATED OCCUPATIONS	3 004	2 165	391	37	72	282	418	30	310	855	1 144	489
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	31 178	28 169	892	268	184	440	1 905	212	650	3 532	20 149	5 465
MECHANICS AND REPAIRERS	4 003	3 656	173	42	13	118	145	29	49	361	2 578	837
CONSTRUCTION TRADES	2 077	1 521	77	35	22	20	450	29	140	334	1 188	339
PRECISION PRODUCTION OCCUPATIONS	25 053	22 947	642	191	149	302	1 310	154	461	2 831	16 369	4 264
OPERATORS, FABRICATORS, AND LABORERS	95 847	91 576	2 579	769	484	1 326	1 478	214	2 946	13 556	63 346	10 773
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	44 066	42 229	897	355	220	322	821	119	1 177	5 352	30 463	4 579
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	27 726	26 977	517	247	92	178	222	10	492	2 342	19 720	3 735
TRANSPORTATION OCCUPATIONS	4 639	3 601	755	22	94	639	250	33	255	1 423	1 727	989
MOTOR VEHICLE OPERATORS	4 549	3 511	755	22	94	639	250	33	255	1 400	1 702	964
MATERIAL MOVING EQUIPMENT OPERATORS	907	873	34	7	-	27	-	-	27	66	576	153
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	18 509	17 896	376	138	78	160	185	52	995	4 373	10 860	1 317
CONSTRUCTION LABORERS	240	228	12	4	8	-	-	-	32	26	141	41
FREIGHT, STOCK, AND MATERIAL HANDLERS	4 828	4 718	82	38	20	24	16	12	431	2 379	1 567	238

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B.]

LOS ANGELES- LONG BEACH, CA SMSA	EMPLOYED PERSONS										PERSONS AT WORK			
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS	
		TOTAL	FEDERAL	STATE			15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS					
BLACK														
MALES 16 YEARS AND OVER	184 381	130 647	44 685	13 019	5 599	26 067	8 815	234	5 761	16 758	117 424	36 991		
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	30 125	17 629	9 838	1 612	1 902	6 324	2 577	81	842	2 294	18 363	7 914		
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	15 300	9 960	4 127	1 067	816	2 244	1 147	66	263	682	9 604	4 421		
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	577	-	577	120	166	291	-	-	18	29	407	116		
MANAGEMENT RELATED OCCUPATIONS	4 439	2 699	1 464	520	387	557	20	32	210	3 083	1 056			
PROFESSIONAL SPECIALTY OCCUPATIONS	14 825	7 669	5 711	545	1 086	4 080	1 430	15	579	1 612	8 759	3 493		
ENGINEERS AND NATURAL SCIENTISTS	3 234	2 717	398	144	79	175	119	-	33	147	2 291	689		
ENGINEERS	2 273	1 965	258	106	52	100	50	-	16	110	1 600	484		
HEALTH DIAGNOSING OCCUPATIONS	1 222	538	285	24	26	235	399	-	15	36	423	730		
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	1 090	588	466	89	86	291	36	-	24	54	764	217		
TEACHERS, LIBRARIANS, AND COUNSELORS	3 624	772	2 809	62	657	2 090	43	-	214	781	2 087	482		
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	2 180	295	1 885	10	241	1 634	-	-	99	484	1 297	259		
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	42 746	30 315	10 759	6 368	847	3 544	1 633	39	1 195	4 348	27 303	8 552		
HEALTH TECHNOLOGISTS AND TECHNICIANS	1 359	795	536	217	27	292	28	-	46	108	887	272		
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	3 994	3 125	795	347	140	308	-	-	53	266	2 889	704		
SALES OCCUPATIONS	12 483	10 829	266	50	42	174	1 362	26	457	1 829	6 536	3 184		
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	2 088	1 569	29	8	-	21	480	10	40	86	861	1 014		
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	4 383	3 751	88	29	31	28	544	-	104	366	2 626	1 124		
OTHER SALES OCCUPATIONS	6 012	5 509	149	13	11	125	358	16	313	1 377	3 049	1 046		
CASHIERS	1 785	1 651	107	13	11	83	-	-	122	511	825	214		
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	24 910	15 566	9 162	5 754	638	2 770	169	13	639	2 145	16 991	4 392		
COMPUTER EQUIPMENT OPERATORS	1 185	995	167	99	13	55	23	-	7	73	884	180		
SECRETARIES, STENOGRAPHERS, AND TYPISTS	515	279	223	60	11	152	13	-	32	28	380	48		
FINANCIAL RECORDS PROCESSING OCCUPATIONS	1 215	905	282	75	38	169	28	-	25	87	884	207		
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	4 644	780	3 841	3 799	-	42	23	-	75	274	3 051	1 111		
SERVICE OCCUPATIONS	29 928	17 511	11 422	1 740	1 707	7 975	957	38	1 435	3 655	18 703	4 808		
PRIVATE HOUSEHOLD OCCUPATIONS	283	283	-	-	-	-	-	-	47	84	108	44		
PROTECTIVE SERVICE OCCUPATIONS	6 969	3 809	3 138	328	376	2 434	22	-	151	551	4 239	1 705		
POLICE AND FIREFIGHTERS	1 497	46	1 451	111	174	1 166	-	-	11	45	829	534		
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	22 676	13 419	8 284	1 412	1 331	5 541	935	38	1 237	3 020	14 356	3 059		
FOOD SERVICE OCCUPATIONS	4 688	3 890	717	271	132	314	76	5	353	1 278	2 232	617		
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	13 816	7 088	6 189	739	984	4 466	534	5	650	1 079	9 669	1 774		
FARMING, FORESTRY, AND FISHING OCCUPATIONS	2 649	983	1 160	92	115	953	498	8	153	307	1 662	365		
FARM OPERATORS AND MANAGERS	55	32	-	-	-	-	23	-	-	-	33	22		
FARM WORKERS AND RELATED OCCUPATIONS	2 392	785	1 140	72	115	953	459	8	153	299	1 471	313		
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	29 295	22 696	4 433	1 570	366	2 497	2 109	57	596	1 958	19 638	5 752		
MECHANICS AND REPAIRERS	9 730	7 711	1 466	589	89	788	538	15	162	385	6 757	2 082		
CONSTRUCTION TRADES	8 511	5 239	1 883	515	217	1 151	1 354	35	284	1 050	5 523	1 205		
PRECISION PRODUCTION OCCUPATIONS	10 921	9 619	1 078	466	60	552	217	7	150	503	7 308	2 422		
OPERATORS, FABRICATORS, AND LABORERS	49 638	41 513	7 073	1 637	662	4 774	1 041	11	1 540	4 196	31 755	9 600		
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	11 565	10 550	868	362	131	375	147	-	206	583	8 180	2 016		
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	6 390	5 917	413	255	18	140	54	6	58	341	4 694	1 005		
TRANSPORTATION OCCUPATIONS	15 813	12 187	2 939	301	274	2 364	687	-	496	1 327	8 921	4 240		
MOTOR VEHICLE OPERATORS	15 315	11 756	2 872	273	252	2 347	687	-	496	1 301	8 712	4 029		
MATERIAL MOVING EQUIPMENT OPERATORS	2 484	2 179	290	70	44	176	15	-	106	105	1 697	475		
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	13 386	10 680	2 563	649	195	1 719	138	5	674	1 840	8 263	1 864		
CONSTRUCTION LABORERS	2 051	1 504	547	37	38	472	-	-	104	306	1 266	255		
FREIGHT, STOCK, AND MATERIAL HANDLERS	4 524	3 688	802	359	59	384	34	-	252	1 001	2 412	620		

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B.]

LOS ANGELES- LONG BEACH, CA SMSA	EMPLOYED PERSONS										PERSONS AT WORK			
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS		15 TO 34 HOURS		35 TO 40 HOURS		41+ HOURS	
		TOTAL	FEDERAL	STATE			LOCAL							
BLACK														
FEMALES 16 YEARS AND OVER	182 164	119 769	58 744	12 873	8 315	37 556	3 320	331	7 838	29 862	117 946	17 927		
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	36 119	17 812	17 189	1 936	2 370	12 883	1 071	47	1 302	5 338	23 890	4 227		
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	13 751	8 900	4 269	1 077	822	2 370	541	41	276	930	10 005	2 043		
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	470		470	98	67	305	-	-	-	38	363	39		
MANAGEMENT RELATED OCCUPATIONS	5 860	3 851	1 844	623	465	756	165	-	104	389	4 629	580		
PROFESSIONAL SPECIALTY OCCUPATIONS	22 368	8 912	12 920	859	1 548	10 513	530	6	1 026	4 408	13 885	2 184		
ENGINEERS AND NATURAL SCIENTISTS	821	588	233	93	52	88	-	-	21	27	650	83		
ENGINEERS	340	300	40	31	3	6	-	-	-	12	295	27		
HEALTH DIAGNOSING OCCUPATIONS	350	110	152	12	22	118	88	-	15	29	176	130		
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	6 153	4 046	1 948	375	284	1 289	153	6	125	894	4 021	820		
TEACHERS, LIBRARIANS, AND COUNSELORS	10 784	2 390	8 388	258	877	7 253	6	-	686	2 968	6 226	575		
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	9 028	1 707	7 315	204	591	6 520	6	-	513	2 587	5 268	410		
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	90 491	61 104	28 313	8 616	3 791	15 906	857	217	2 920	12 550	62 662	8 697		
HEALTH TECHNOLOGISTS AND TECHNICIANS	4 973	3 655	1 230	217	141	872	80	8	100	699	3 217	709		
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	1 821	1 300	507	149	129	229	14	-	98	175	1 262	225		
SALES OCCUPATIONS	13 172	11 841	702	229	158	315	538	91	809	3 776	6 772	1 181		
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 053	844	25	-	-	25	147	37	7	140	593	239		
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	2 576	2 263	149	96	26	27	158	6	91	452	1 591	364		
OTHER SALES OCCUPATIONS	9 543	8 734	528	133	132	263	233	48	711	3 184	4 588	578		
CASHIERS	4 592	4 281	278	67	42	169	29	4	352	1 591	2 112	279		
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	70 525	44 308	25 874	8 021	3 363	14 490	225	118	1 913	7 900	51 411	6 582		
COMPUTER EQUIPMENT OPERATORS	1 888	1 432	444	140	39	265	12	-	50	123	1 432	258		
SECRETARIES, STENOGRAPHERS, AND TYPISTS	17 679	10 273	7 282	1 491	955	4 836	72	52	454	1 738	13 599	1 211		
FINANCIAL RECORDS PROCESSING OCCUPATIONS	5 937	4 852	1 037	292	193	552	33	15	54	529	4 485	683		
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	3 707	377	3 330	3 122	9	199	-	-	68	276	2 565	652		
SERVICE OCCUPATIONS	35 431	23 121	11 120	1 522	1 867	7 731	1 147	43	3 021	9 434	18 175	2 533		
PRIVATE HOUSEHOLD OCCUPATIONS	4 051	4 051	-	-	-	-	-	-	838	1 353	1 218	267		
PROTECTIVE SERVICE OCCUPATIONS	1 409	555	854	92	87	675	-	-	43	225	892	143		
POLICE AND FIREFIGHTERS	204	-	204	6	24	174	-	-	-	6	164	18		
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	29 971	18 515	10 266	1 430	1 780	7 056	1 147	43	2 140	7 856	16 065	2 123		
FOOD SERVICE OCCUPATIONS	6 248	4 108	2 078	303	411	1 364	41	21	475	2 168	2 712	423		
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	6 319	4 189	1 999	242	306	1 451	125	6	417	1 103	4 159	317		
FARMING, FORESTRY, AND FISHING OCCUPATIONS	357	173	165	31	72	62	12	7	50	40	181	40		
FARM OPERATORS AND MANAGERS	41	37	-	-	-	-	4	-	-	-	29	12		
FARM WORKERS AND RELATED OCCUPATIONS	298	136	147	31	58	58	8	7	50	36	152	21		
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	4 820	4 276	422	215	57	150	122	-	63	340	3 336	780		
MECHANICS AND REPAIRERS	910	832	71	33	13	25	7	-	7	51	605	158		
CONSTRUCTION TRADES	276	192	66	21	5	40	18	-	6	34	165	49		
PRECISION PRODUCTION OCCUPATIONS	3 634	3 252	285	161	39	85	97	-	50	255	2 566	573		
OPERATORS, FABRICATORS, AND LABORERS	14 946	13 283	1 535	553	158	824	111	17	482	2 160	9 702	1 650		
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	5 153	4 758	306	124	65	117	78	11	190	635	3 435	543		
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	4 960	4 593	367	235	20	112	-	-	87	418	3 527	549		
TRANSPORTATION OCCUPATIONS	1 911	1 299	578	19	71	488	28	6	54	603	864	310		
MOTOR VEHICLE OPERATORS	1 904	1 292	578	19	71	488	28	6	54	603	864	303		
MATERIAL MOVING EQUIPMENT OPERATORS	110	103	7	7	-	-	-	-	5	-	77	28		
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	2 812	2 530	277	168	2	107	5	-	146	504	1 799	220		
CONSTRUCTION LABORERS	31	29	2	-	2	-	-	-	8	5	11	7		
FREIGHT, STOCK, AND MATERIAL HANDLERS	749	582	162	151	-	11	5	-	77	252	355	45		

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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LOS ANGELES-
LONG BEACH, CA SMSA

	PRIV. WAGE AND SALARY TOTAL WORKERS	EMPLOYED PERSONS						PERSONS AT WORK				
		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS		15 TO 34 HOURS		35 TO 40 HOURS	
		TOTAL	FEDERAL	STATE			LOCAL					
AMERICAN INDIAN, ESKIMO, ALEUT												
MALES 16 YEARS AND OVER	13 154	10 551	1 673	392	272	1 009	912	18	358	1 319	7 299	3 733
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	2 352	1 545	494	79	123	292	313	-	59	149	1 257	846
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	1 181	842	184	44	51	89	155	-	23	64	616	461
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	6	-	6	6	-	-	-	-	-	-	6	-
MANAGEMENT RELATED OCCUPATIONS	320	197	100	30	13	57	23	-	6	11	218	68
PROFESSIONAL SPECIALTY OCCUPATIONS	1 171	703	310	35	72	203	158	-	36	85	641	385
ENGINEERS AND NATURAL SCIENTISTS	357	330	20	11	4	5	7	-	-	15	249	93
ENGINEERS	241	226	15	6	4	5	-	-	-	8	179	54
HEALTH DIAGNOSING OCCUPATIONS	26	-	-	-	-	-	26	-	-	-	21	5
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	34	9	25	6	12	7	-	-	-	-	20	14
TEACHERS, LIBRARIANS, AND COUNSELORS	288	85	203	7	36	160	-	-	5	39	173	65
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	173	56	117	-	-	117	-	-	-	10	106	57
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2 531	2 136	272	143	30	99	123	-	90	189	1 382	811
HEALTH TECHNOLOGISTS AND TECHNICIANS	75	58	17	-	-	17	-	-	-	-	40	35
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	321	265	37	15	10	12	19	-	14	20	149	126
SALES OCCUPATIONS	910	817	4	-	-	4	89	-	30	78	426	349
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	161	121	-	-	-	-	40	-	7	3	57	94
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	362	336	4	-	-	4	22	-	10	19	196	124
OTHER SALES OCCUPATIONS	387	360	-	-	-	-	27	-	13	56	173	131
CASHIERS	85	76	-	-	-	-	9	-	5	31	29	6
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	1 225	996	214	128	20	66	15	-	46	91	767	301
COMPUTER EQUIPMENT OPERATORS	73	59	6	-	-	6	8	-	4	6	56	7
SECRETARIES, STENOGRAFERS, AND TYPISTS	44	36	8	-	-	8	-	-	-	8	20	16
FINANCIAL RECORDS PROCESSING OCCUPATIONS	99	92	7	-	7	-	-	-	-	-	72	27
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	144	44	100	94	-	6	-	-	6	13	73	42
SERVICE OCCUPATIONS	1 525	1 031	402	16	57	329	79	13	45	306	763	354
PRIVATE HOUSEHOLD OCCUPATIONS	27	27	-	-	-	-	-	-	-	-	13	3
PROTECTIVE SERVICE OCCUPATIONS	432	174	248	3	28	217	10	-	-	-	28	192
POLICE AND FIREFIGHTERS	167	10	157	-	28	129	-	-	-	-	-	69
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	1 066	830	154	13	29	112	69	13	45	265	559	159
FOOD SERVICE OCCUPATIONS	384	368	7	-	-	7	5	4	38	105	183	39
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	396	235	133	6	29	98	28	-	7	112	227	44
FARMING, FORESTRY, AND FISHING OCCUPATIONS	214	71	57	18	2	37	86	-	20	26	90	53
FARM OPERATORS AND MANAGERS	5	-	-	-	-	-	5	-	-	-	-	5
FARM WORKERS AND RELATED OCCUPATIONS	184	71	39	-	2	37	74	-	20	26	78	42
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	3 040	2 581	231	77	18	136	223	5	56	289	1 773	821
MECHANICS AND REPAIRERS	767	641	85	37	18	30	41	-	17	47	457	212
CONSTRUCTION TRADES	990	742	92	27	-	65	151	5	20	179	581	179
PRECISION PRODUCTION OCCUPATIONS	1 264	1 179	54	13	-	41	31	-	19	63	721	423
OPERATORS, FABRICATORS, AND LABORERS	3 492	3 187	217	59	42	116	88	-	88	360	2 034	848
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	926	873	53	18	7	28	-	-	14	71	612	204
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	583	532	51	23	7	21	-	-	-	42	424	92
TRANSPORTATION OCCUPATIONS	780	662	46	6	13	27	72	-	21	52	310	345
MOTOR VEHICLE OPERATORS	746	628	46	6	13	27	72	-	21	52	288	333
MATERIAL MOVING EQUIPMENT OPERATORS	333	307	26	-	8	18	-	-	6	17	208	102
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	870	813	41	12	7	22	16	-	47	178	480	105
CONSTRUCTION LABORERS	162	144	18	7	-	11	-	-	-	43	90	23
FREIGHT, STOCK, AND MATERIAL HANDLERS	311	311	-	-	-	-	-	-	35	107	123	23

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LOS ANGELES-
LONG BEACH, CA SMSA

	PRIV. WAGE AND SALARY TOTAL WORKERS	EMPLOYED PERSONS					PERSONS AT WORK					
		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS		15 TO 34 HOURS		35 TO 40 HOURS	
		TOTAL	FEDERAL	STATE			LOCAL					
AMERICAN INDIAN, ESKIMO, ALEUT												
FEMALES 16 YEARS AND OVER												
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	10 785	8 385	1 881	363	376	1 142	462	57	371	2 308	6 149	1 532
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	2 039	1 279	612	45	141	426	148	-	61	330	1 140	416
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	924	749	106	27	21	58	69	-	19	92	547	214
MANAGEMENT RELATED OCCUPATIONS	14	-	14	5	-	9	-	-	-	-	14	-
PROFESSIONAL SPECIALTY OCCUPATIONS	303	247	44	16	15	13	12	-	-	48	203	34
ENGINEERS AND NATURAL SCIENTISTS	1 115	530	508	18	120	368	79	-	42	238	593	202
ENGINEERS	45	38	?	-	-	7	-	-	-	16	22	7
HEALTH DIAGNOSING OCCUPATIONS	25	18	7	-	-	7	-	-	-	10	15	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	6	6	-	-	-	-	-	-	-	-	-	6
TEACHERS, LIBRARIANS, AND COUNSELORS	273	214	53	12	6	35	6	-	13	53	117	75
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	492	115	377	6	88	283	-	-	21	106	287	63
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	347	86	261	-	56	205	-	-	9	64	211	48
HEALTH TECHNOLOGISTS AND TECHNICIANS	5 231	4 217	811	236	162	413	168	35	148	1 054	3 144	725
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	221	189	32	6	13	13	-	-	8	44	123	40
SALES OCCUPATIONS	127	99	28	6	14	8	-	-	5	49	66	7
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 160	1 001	25	7	5	13	134	-	67	375	497	163
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	129	69	13	-	-	13	47	-	-	41	52	36
OTHER SALES OCCUPATIONS	380	317	-	-	-	-	63	-	-	86	194	73
CASHIERS	651	615	12	7	5	-	24	-	67	248	251	54
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	365	353	12	7	5	-	-	-	41	138	165	15
COMPUTER EQUIPMENT OPERATORS	3 723	2 928	726	217	130	379	34	35	68	586	2 458	515
SECRETARIES, STENOGRAPHERS, AND TYPISTS	92	76	16	11	5	-	-	-	12	62	18	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	1 121	849	239	62	35	142	13	20	6	144	856	104
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	488	430	43	7	6	30	6	9	11	49	312	98
SERVICE OCCUPATIONS	92	49	43	43	-	-	-	-	-	-	55	32
PRIVATE HOUSEHOLD OCCUPATIONS	1 807	1 352	368	48	54	266	81	6	135	645	806	154
PROTECTIVE SERVICE OCCUPATIONS	163	163	-	-	-	-	-	-	25	42	75	13
POLICE AND FIREFIGHTERS	77	41	36	6	5	25	-	-	-	12	39	20
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	10	-	10	-	5	5	-	-	-	-	-	10
FOOD SERVICE OCCUPATIONS	1 567	1 148	332	42	49	241	81	6	110	591	692	121
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	610	514	84	-	15	69	6	6	44	295	218	45
FARMING, FORESTRY, AND FISHING OCCUPATIONS	201	145	36	-	15	21	20	-	41	62	71	21
FARM OPERATORS AND MANAGERS	73	55	13	-	-	13	5	-	18	26	-	5
FARM WORKERS AND RELATED OCCUPATIONS	-	-	-	-	-	-	-	-	-	26	12	5
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	73	55	13	-	-	13	5	-	18	26	-	5
MECHANICS AND REPAIRERS	388	346	13	-	-	13	22	7	-	56	239	60
CONSTRUCTION TRADES	35	35	-	-	-	-	-	-	-	17	53	13
PRECISION PRODUCTION OCCUPATIONS	30	11	6	-	-	6	6	7	-	7	17	6
OPERATORS, FABRICATORS, AND LABORERS	323	300	7	-	-	7	16	-	-	49	205	41
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	1 247	1 136	64	34	19	11	38	9	9	197	808	172
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	455	419	-	-	-	-	27	9	-	68	289	64
TRANSPORTATION OCCUPATIONS	450	414	25	25	-	-	11	-	5	40	331	70
MOTOR VEHICLE OPERATORS	89	58	31	9	11	11	-	-	8	53	23	-
MATERIAL MOVING EQUIPMENT OPERATORS	89	58	31	9	11	11	-	-	8	53	23	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	20	20	-	-	-	-	-	-	-	5	10	-
CONSTRUCTION LABORERS	233	225	8	-	8	-	-	-	4	81	130	5
FREIGHT, STOCK, AND MATERIAL HANDLERS	-	-	-	-	-	-	-	-	-	-	-	-
	120	112	8	-	8	-	-	-	-	61	54	5

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B.

LOS ANGELES-
LONG BEACH, CA SMSA

	PRIV. WAGE AND SALARY WORKERS	EMPLOYED PERSONS						PERSONS AT WORK				
		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS		15 TO 34 HOURS		35 TO 40 HOURS	
		TOTAL	FEDERAL	STATE			LOCAL					
ASIAN AND PACIFIC ISLANDER												
MALES 16 YEARS AND OVER	123 836	94 886	13 798	3 795	2 863	7 140	14 712	440	4 378	11 230	70 639	35 114
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	39 208	27 963	5 981	967	1 533	3 481	5 166	98	1 002	2 073	23 486	12 041
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	19 087	13 879	1 949	503	417	1 029	3 175	84	477	655	10 603	7 090
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	231	-	231	78	48	105	-	-	-	8	189	34
MANAGEMENT RELATED OCCUPATIONS	5 633	4 221	1 075	289	201	585	320	17	85	136	3 845	1 507
PROFESSIONAL SPECIALTY OCCUPATIONS	20 121	14 084	4 052	464	1 116	2 452	1 991	14	525	1 418	12 883	4 951
ENGINEERS AND NATURAL SCIENTISTS	10 110	8 459	1 403	241	432	730	248	-	32	246	7 815	1 891
ENGINEERS	7 954	6 727	1 128	164	350	614	99	-	32	182	6 279	1 354
HEALTH DIAGNOSING OCCUPATIONS	2 307	1 028	381	86	57	238	898	-	21	138	830	1 268
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	1 415	1 143	160	41	14	105	112	-	37	149	789	407
TEACHERS, LIBRARIANS, AND COUNSELORS	2 225	604	1 547	53	476	1 018	74	-	228	487	1 024	430
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	1 105	120	980	10	113	857	5	-	79	228	594	186
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS												
HEALTH TECHNOLOGISTS AND TECHNICIANS	33 515	26 064	4 241	1 760	889	1 592	3 075	135	1 209	3 419	19 589	8 681
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	1 303	957	330	44	141	145	16	-	10	124	834	329
SALES OCCUPATIONS	6 321	5 337	919	175	292	452	65	-	142	399	4 526	1 208
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	11 666	8 600	98	17	19	62	2 867	101	480	1 478	4 917	4 514
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	3 637	1 892	10	-	5	5	1 689	46	103	100	1 278	2 091
OTHER SALES OCCUPATIONS	4 268	3 606	61	17	8	36	566	35	308	1 128	1 548	1 152
CASHIERS	1 595	1 401	38	4	8	26	135	21	63	527	572	394
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	14 225	11 779	2 894	1 524	437	933	127	34	577	1 418	9 312	2 630
COMPUTER EQUIPMENT OPERATORS	900	779	110	24	29	57	11	-	11	97	611	161
SECRETARIES, STENOGRAPHERS, AND TYPISTS	322	246	71	35	12	24	5	-	16	19	220	58
FINANCIAL RECORDS PROCESSING OCCUPATIONS	1 935	1 721	207	45	43	119	7	-	69	130	1 359	346
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 489	471	1 012	986	20	6	6	-	39	180	901	331
SERVICE OCCUPATIONS	12 287	9 837	1 452	244	236	972	938	60	808	2 009	5 934	3 197
PRIVATE HOUSEHOLD OCCUPATIONS	165	148	-	-	-	-	17	-	16	35	62	52
PROTECTIVE SERVICE OCCUPATIONS	1 032	496	534	65	58	411	2	-	12	82	637	247
POLICE AND FIREFIGHTERS	301	-	301	21	24	256	-	-	-	10	190	95
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	11 090	9 193	918	179	178	561	919	60	780	1 892	5 235	2 898
FOOD SERVICE OCCUPATIONS	6 921	6 172	159	40	33	86	547	43	402	1 258	2 842	2 231
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	2 261	1 659	457	98	95	264	132	13	211	279	1 381	304
FARMING, FORESTRY, AND FISHING OCCUPATIONS												
FARM OPERATORS AND MANAGERS	4 539	929	252	15	19	218	3 335	23	311	902	1 510	1 785
FARM WORKERS AND RELATED OCCUPATIONS	351	99	7	-	-	7	245	-	6	44	84	206
FARMERS	4 151	798	245	15	19	211	3 085	23	305	850	1 411	1 565
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS												
MECHANICS AND REPAIRERS	17 135	14 134	1 139	499	52	588	1 788	74	327	778	10 439	5 201
CONSTRUCTION TRADES	6 340	5 178	504	244	24	236	639	19	136	196	3 910	1 947
PRECISION PRODUCTION OCCUPATIONS	2 984	2 106	328	129	15	184	540	10	71	234	1 921	634
TRANSPORTATION OCCUPATIONS	7 784	6 831	307	126	13	168	601	45	120	348	4 596	2 605
OPERATORS, FABRICATORS, AND LABORERS	17 152	15 959	733	310	134	289	410	50	721	2 049	9 681	4 209
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	5 727	5 399	178	64	59	55	136	14	118	290	3 540	1 671
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	3 449	3 267	127	56	14	57	43	12	77	172	2 292	777
MOTOR VEHICLE OPERATORS	2 239	1 950	146	41	7	98	143	-	101	260	1 032	774
MATERIAL MOVING EQUIPMENT OPERATORS	2 133	1 852	146	41	7	98	135	-	96	260	990	722
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	484	444	31	5	7	19	9	-	15	29	332	90
CONSTRUCTION LABORERS	5 253	4 899	251	144	47	60	79	24	410	1 298	2 485	897
FREIGHT, STOCK, AND MATERIAL HANDLERS	249	249	-	-	-	-	-	-	4	61	143	32
FREIGHT, STOCK, AND MATERIAL HANDLERS	2 498	2 395	96	71	5	20	-	7	220	856	963	424

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B.														
EMPLOYED PERSONS											PERSONS AT WORK			
LOS ANGELES- LONG BEACH, CA SMSA	PRIV. WAGE AND SALARY TOTAL WORKERS		GOVERNMENT WORKERS			LOCAL	SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS			15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
	TOTAL	FEDERAL	STATE						HOURS					
ASIAN AND PACIFIC ISLANDER														
FEMALES 16 YEARS AND OVER	103 150	80 178	16 846	2 341	3 670	10 835	4 900	1 226	5 077	17 277	63 716	13 625		
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	25 564	16 214	7 343	748	1 437	5 158	1 768	239	1 071	3 209	16 294	4 203		
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	9 545	6 847	1 360	255	357	748	1 127	211	250	747	6 256	2 021		
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	148	-	148	28	21	99	-	-	12	-	106	25		
MANAGEMENT RELATED OCCUPATIONS	4 564	3 702	802	176	260	366	42	18	68	293	3 516	567		
PROFESSIONAL SPECIALTY OCCUPATIONS	16 019	9 367	5 983	493	1 080	4 410	641	28	821	2 462	10 038	2 182		
ENGINEERS AND NATURAL SCIENTISTS	1 239	1 056	173	76	29	68	10	-	12	56	987	141		
ENGINEERS	408	353	55	27	11	17	-	-	4	25	336	37		
HEALTH DIAGNOSING OCCUPATIONS	681	313	212	15	62	135	148	8	-	127	325	197		
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	7 419	5 776	1 594	280	239	1 075	49	-	130	775	5 210	1 063		
TEACHERS, LIBRARIANS, AND COUNSELORS	4 471	895	3 412	38	593	2 781	149	15	509	1 092	5 234	385		
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	3 319	545	2 738	20	292	2 426	21	15	242	782	1 888	291		
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	49 047	39 075	7 787	1 436	1 902	4 449	1 593	592	2 434	7 991	31 585	5 686		
HEALTH TECHNOLOGISTS AND TECHNICIANS	3 363	2 784	568	87	133	348	11	-	72	322	2 396	5460		
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	2 153	1 814	323	39	159	125	16	-	115	231	1 486	243		
SALES OCCUPATIONS	9 636	7 676	245	121	64	60	1 332	383	807	3 013	3 821	1 773		
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 141	469	10	5	5	-	571	91	36	121	498	433		
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	1 949	1 677	27	-	6	21	226	19	88	330	1 131	368		
OTHER SALES OCCUPATIONS	6 546	5 530	208	116	53	39	535	273	683	2 562	2 192	972		
CASHIERS	3 399	2 917	130	63	45	22	192	160	313	1 325	1 154	537		
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	33 895	26 801	6 651	1 189	1 546	3 916	234	209	1 440	4 425	23 882	3 210		
COMPUTER EQUIPMENT OPERATORS	949	786	159	37	23	99	-	4	15	103	668	107		
SECRETARIES, STENOGRAPHERS, AND TYPISTS	8 879	6 410	2 358	336	630	1 392	60	51	411	984	6 501	761		
FINANCIAL RECORDS PROCESSING OCCUPATIONS	5 836	5 115	580	89	76	415	87	54	144	715	4 328	457		
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	342	126	216	-	-	-	-	-	14	37	205	81		
SERVICE OCCUPATIONS	11 799	9 248	1 425	76	241	1 108	886	240	933	3 844	5 106	1 335		
PRIVATE HOUSEHOLD OCCUPATIONS	1 002	1 002	-	-	-	-	-	-	109	211	488	142		
PROTECTIVE SERVICE OCCUPATIONS	118	52	66	-	24	42	-	-	-	20	72	19		
POLICE AND FIREFIGHTERS	27	-	27	-	17	10	-	-	-	-	17	3		
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	10 679	8 194	1 359	76	217	1 066	886	240	824	3 613	4 546	1 174		
FOOD SERVICE OCCUPATIONS	4 472	3 496	331	21	83	227	425	220	403	1 820	1 534	503		
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	860	748	51	13	7	31	61	-	93	134	504	77		
FARMING, FORESTRY, AND FISHING OCCUPATIONS	335	135	21	-	14	7	151	28	16	107	130	70		
FARM OPERATORS AND MANAGERS	101	4	-	-	-	-	97	-	4	22	30	38		
FARM WORKERS AND RELATED OCCUPATIONS	234	131	21	-	14	7	54	28	12	85	100	32		
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	3 737	3 353	61	34	7	20	269	54	123	419	2 375	702		
MECHANICS AND REPAIRERS	299	266	9	-	9	24	-	-	6	42	187	66		
CONSTRUCTION TRADES	128	57	21	14	7	50	-	-	25	6	58	36		
PRECISION PRODUCTION OCCUPATIONS	3 301	3 021	31	20	7	4	195	54	92	371	2 130	593		
OPERATORS, FABRICATORS, AND LABORERS, EXCEPT MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	12 668	12 153	209	47	69	93	233	73	500	1 707	8 226	1 629		
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	7 786	7 517	80	19	28	33	180	9	295	1 086	5 058	968		
TRANSPORTATION OCCUPATIONS	3 100	3 051	25	6	15	4	24	-	48	188	2 222	492		
MOTOR VEHICLE OPERATORS	97	73	12	-	6	6	5	7	13	26	47	11		
MATERIAL MOVING EQUIPMENT OPERATORS	88	64	12	-	6	6	5	7	13	26	38	11		
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	27	27	-	-	-	-	-	-	-	-	19	8		
CONSTRUCTION LABORERS	1 658	1 485	92	22	20	50	24	57	144	407	880	150		
FREIGHT, STOCK, AND MATERIAL HANDLERS	-	-	-	-	-	-	-	-	-	-	-	-		
	451	411	12	-	-	12	14	14	68	194	133	42		

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

LOS ANGELES- LONG BEACH, CA SMSA	EMPLOYED PERSONS										PERSONS AT WORK			
	PRIV. WAGE AND SALARY WORKERS		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS		UNPAID FAMILY WORKERS		1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS	
	TOTAL		TOTAL	FEDERAL	STATE	LOCAL								
SPANISH ORIGIN														
MALES 16 YEARS AND OVER	506 828	444 442	39 169	8 576	6 167	24 426	22 301	916	11 973	42 035	332 689	104 281		
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	45 732	31 608	8 887	1 415	1 898	5 574	5 100	137	1 395	3 489	25 760	14 159		
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	26 430	20 205	3 009	712	659	1 638	3 096	120	465	945	14 974	9 598		
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	378	7	371	85	63	223	-	-	4	11	280	83		
MANAGEMENT RELATED OCCUPATIONS	6 141	4 591	1 233	414	223	596	317	-	85	220	4 167	1 601		
PROFESSIONAL SPECIALTY OCCUPATIONS	19 302	11 403	5 878	703	1 239	3 936	2 004	17	930	2 544	10 786	4 561		
ENGINEERS AND NATURAL SCIENTISTS	5 276	4 201	770	285	95	390	305	-	67	251	3 786	1 051		
ENGINEERS	3 702	3 138	471	160	49	262	93	-	28	143	2 709	752		
HEALTH DIAGNOSING OCCUPATIONS	947	355	236	42	31	163	356	-	-	65	317	536		
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	969	768	181	91	28	62	20	-	10	82	550	301		
TEACHERS, LIBRARIANS, AND COUNSELORS	4 282	1 079	3 115	78	781	2 256	88	-	433	891	2 119	721		
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	2 521	436	2 085	35	314	1 736	-	-	170	507	1 321	440		
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	68 905	57 782	7 665	3 384	1 083	3 198	3 321	137	2 051	7 906	41 988	15 371		
HEALTH TECHNOLOGISTS AND TECHNICIANS	1 106	808	298	80	22	196	-	-	32	171	709	158		
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	6 913	5 885	903	290	188	425	125	-	176	459	4 558	1 585		
SALES OCCUPATIONS	24 099	20 707	349	63	71	215	2 951	92	878	3 921	11 877	6 837		
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	4 315	3 172	9	9	-	-	1 109	25	65	203	1 895	2 091		
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	7 092	5 856	132	20	39	73	1 080	24	206	663	3 974	2 101		
OTHER SALES OCCUPATIONS	12 692	11 679	208	34	32	142	762	45	607	3 055	6 008	2 645		
CASHIERS	3 446	3 256	116	11	27	78	60	14	183	1 116	1 564	506		
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	36 787	30 382	6 115	2 951	802	2 362	245	45	965	3 355	24 844	6 791		
COMPUTER EQUIPMENT OPERATORS	1 459	1 325	118	14	30	74	16	-	16	104	1 002	319		
SECRETARIES, STENOGRAPHERS, AND TYPISTS	705	458	236	62	44	130	11	-	15	84	543	28		
FINANCIAL RECORDS PROCESSING OCCUPATIONS	1 978	1 765	130	41	30	59	70	13	58	219	1 236	414		
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	3 405	1 301	2 089	1 989	37	63	15	-	75	310	2 219	758		
SERVICE OCCUPATIONS	67 518	56 469	9 031	728	1 413	6 890	1 832	186	2 210	8 146	43 839	11 493		
PRIVATE HOUSEHOLD OCCUPATIONS	685	685	-	-	-	-	-	-	51	111	373	138		
PROTECTIVE SERVICE OCCUPATIONS	5 280	2 240	3 035	158	212	2 665	5	-	112	453	2 859	1 706		
POLICE AND FIREFIGHTERS	1 863	17	1 841	62	95	1 684	5	-	23	82	974	731		
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	61 553	53 544	5 996	570	1 201	4 225	1 827	186	2 047	7 582	40 607	9 649		
FOOD SERVICE OCCUPATIONS	33 135	32 066	544	92	154	298	383	142	1 047	4 076	21 752	5 527		
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	22 162	17 673	3 990	323	775	2 892	474	25	765	2 028	15 699	2 863		
FARMING, FORESTRY, AND FISHING OCCUPATIONS	14 944	9 616	1 767	134	221	1 412	3 490	71	489	1 487	9 105	3 224		
FARM OPERATORS AND MANAGERS	416	202	8	-	8	-	206	-	20	90	185	107		
FARM WORKERS AND RELATED OCCUPATIONS	14 170	9 146	1 698	89	197	1 412	3 255	71	462	1 360	8 707	3 035		
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	109 540	97 893	5 020	1 366	582	3 072	6 472	155	1 813	6 584	72 830	24 771		
MECHANICS AND REPAIRERS	31 361	27 553	1 979	593	221	1 165	1 792	37	583	1 155	20 982	7 679		
CONSTRUCTION TRADES	31 712	26 587	1 759	346	169	1 244	3 281	85	713	3 439	21 743	4 592		
PRECISION PRODUCTION OCCUPATIONS	46 246	43 544	1 270	427	186	657	1 399	33	517	1 984	29 970	12 435		
OPERATORS, FABRICATORS, AND LABORERS	200 189	191 074	6 799	1 549	970	4 280	2 086	230	4 015	14 423	139 167	35 263		
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	79 583	77 190	1 835	511	301	1 023	492	66	983	3 791	57 748	14 188		
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	37 196	35 868	1 029	349	180	500	261	38	710	2 052	27 743	5 564		
TRANSPORTATION OCCUPATIONS	25 162	22 801	1 368	146	147	1 075	961	32	457	1 852	14 799	6 956		
MOTOR VEHICLE OPERATORS	24 734	22 381	1 360	143	147	1 070	961	32	450	1 795	14 571	6 864		
MATERIAL MOVING EQUIPMENT OPERATORS	8 625	8 036	499	117	82	300	90	2	184	423	5 956	1 713		
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	49 623	47 179	2 068	426	260	1 382	282	94	1 681	6 305	32 921	6 842		
CONSTRUCTION LABORERS	9 037	8 450	574	24	58	492	-	13	268	1 083	6 292	946		
FREIGHT, STOCK, AND MATERIAL HANDLERS	10 243	9 719	479	191	55	233	39	6	571	2 753	5 297	1 350		

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

LOS ANGELES-
LONG BEACH, CA SMSA

SPANISH ORIGIN	EMPLOYED PERSONS										PERSONS AT WORK							
	TOTAL	PRIV. WAGE AND SALARY WORKERS			GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS			15 TO 34 HOURS			35 TO 40 HOURS		
		TOTAL	FEDERAL	STATE	LOCAL													
FEMALES 16 YEARS AND OVER	328 436	274 812	46 091	6 591	8 481	31 019	6 415	1 118	13 690	57 609	212 910	29 280						
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	32 473	19 830	10 934	1 073	2 077	7 784	1 541	168	1 585	5 687	19 364	4 750						
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	15 148	11 821	2 118	472	540	1 106	1 070	139	423	1 331	10 296	2 660						
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	220	-	220	63	19	138	-	-	9	35	163	13						
MANAGEMENT RELATED OCCUPATIONS	5 530	4 379	959	317	347	295	169	23	72	387	4 184	752						
PROFESSIONAL SPECIALTY OCCUPATIONS	17 325	8 009	8 816	601	1 537	6 678	471	29	1 162	4 356	9 068	2 090						
ENGINEERS AND NATURAL SCIENTISTS	764	658	94	48	11	35	12	-	14	61	522	141						
ENGINEERS	344	312	32	24	-	8	-	-	-	28	228	81						
HEALTH DIAGNOSING OCCUPATIONS	343	234	62	11	14	37	47	-	28	48	112	113						
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	3 381	2 456	872	136	177	559	44	9	96	489	2 121	562						
TEACHERS, LIBRARIANS, AND COUNSELORS	8 403	2 104	6 211	239	1 110	4 862	88	-	742	2 859	3 851	675						
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	6 715	1 541	5 154	203	704	4 247	20	-	468	2 269	3 237	520						
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	116 868	94 059	20 519	3 708	3 675	13 136	1 703	587	4 902	22 636	75 190	9 908						
HEALTH TECHNOLOGISTS AND TECHNICIANS	2 680	2 304	336	40	83	213	33	7	76	410	1 657	418						
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	2 010	1 607	403	83	132	188	-	-	28	218	1 444	263						
SALES OCCUPATIONS	24 810	22 790	629	97	137	395	1 268	123	1 886	8 491	11 200	2 054						
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 863	1 320	29	-	-	29	490	24	68	240	1 056	366						
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	3 267	2 965	57	17	7	33	230	15	180	489	2 076	409						
OTHER SALES OCCUPATIONS	19 680	18 505	543	80	130	333	548	84	1 638	7 762	8 068	1 279						
CASHIERS	9 201	8 691	401	62	76	263	60	49	653	3 784	3 713	626						
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	87 368	67 358	19 151	3 488	3 323	12 340	402	457	2 912	13 517	60 889	7 173						
COMPUTER EQUIPMENT OPERATORS	1 601	1 394	207	54	32	121	-	-	37	107	1 254	146						
SECRETARIES, STENOGRAPIHERS, AND TYPISTS	23 756	17 427	6 052	805	1 124	4 123	115	162	634	2 796	17 916	1 673						
FINANCIAL RECORDS PROCESSING OCCUPATIONS	9 533	8 558	797	115	94	588	105	73	216	1 216	7 031	801						
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 378	660	710	620	20	70	-	8	17	178	958	191						
SERVICE OCCUPATIONS	63 155	49 141	11 603	1 015	2 172	8 416	2 164	247	4 612	18 133	32 470	5 063						
PRIVATE HOUSEHOLD OCCUPATIONS	14 095	14 079	-	-	-	-	16	-	1 095	2 938	7 931	1 486						
PROTECTIVE SERVICE OCCUPATIONS	824	337	487	28	23	436	-	-	4	167	469	107						
POLICE AND FIREFIGHTERS	219	5	214	11	14	189	-	-	-	25	152	42						
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	48 236	34 725	11 116	987	2 149	7 980	2 148	247	3 513	15 028	24 070	3 470						
FOOD SERVICE OCCUPATIONS	14 636	12 069	2 148	126	286	1 736	320	99	1 208	5 008	6 697	1 041						
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	10 821	9 356	1 002	127	287	588	420	43	530	2 054	7 037	679						
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 894	1 580	189	35	35	119	125	-	96	391	938	273						
FARM OPERATORS AND MANAGERS	90	26	-	-	-	-	64	-	-	17	29	37						
FARM WORKERS AND RELATED OCCUPATIONS	1 770	1 543	174	24	35	115	53	-	90	359	904	236						
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	18 514	17 381	556	117	85	354	553	24	280	1 726	13 174	2 159						
MECHANICS AND REPAIRERS	1 231	1 157	56	8	-	48	18	-	-	125	911	168						
CONSTRUCTION TRADES	753	645	37	6	5	26	71	-	4	101	543	83						
PRECISION PRODUCTION OCCUPATIONS	16 514	15 563	463	103	80	280	464	24	276	1 500	11 704	1 908						
OPERATORS, FABRICATORS, AND LABORERS	95 532	92 821	2 290	643	437	1 210	329	92	2 215	9 036	71 774	7 127						
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	53 581	52 261	1 058	326	195	537	198	64	1 204	4 883	40 684	3 790						
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	23 774	23 072	658	197	131	330	42	2	428	1 598	18 162	2 272						
TRANSPORTATION OCCUPATIONS	1 186	907	234	45	25	164	37	8	71	344	561	165						
MOTOR VEHICLE OPERATORS	1 177	898	234	45	25	164	37	8	71	335	561	165						
MATERIAL MOVING EQUIPMENT OPERATORS	593	572	21	-	-	21	-	-	6	74	444	55						
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	16 398	16 009	319	75	86	158	52	18	506	2 137	11 923	865						
CONSTRUCTION LABORERS	203	194	9	4	5	-	-	-	11	7	173	12						
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 791	1 680	82	36	23	23	18	11	164	574	916	49						

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B.]

MODESTO, CA SMSA

	PRIV. WAGE AND SALARY TOTAL WORKERS	EMPLOYED PERSONS						PERSONS AT WORK				
		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS		
		TOTAL	FEDERAL	STATE			LOCAL					
TOTAL												
MALES 16 YEARS AND OVER	63 740	48 394	7 765	1 106	1 372	5 287	7 404	177	2 036	7 034	31 084	21 850
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	11 934	7 111	3 442	261	665	2 516	1 375	6	208	669	5 756	5 156
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	6 658	4 735	1 103	209	198	696	814	6	83	302	3 110	3 092
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	167	8	159	23	12	124	-	-	-	12	125	25
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	212	18	194	-	36	160	-	-	-	-	100	101
MANAGERS, MEDICINE AND HEALTH	39	27	12	-	-	12	-	-	5	-	11	23
OTHER SPECIFIED MANAGERS	1 075	967	36	25	6	5	72	-	13	54	454	539
MANAGERS AND ADMINISTRATORS, N.E.C.	3 151	2 832	319	20	59	240	-	-	28	163	1 437	1 506
SALARIED MANUFACTURING	886	886	-	-	-	-	-	-	-	18	440	422
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	242	165	77	12	5	60	-	-	-	-	110	132
WHOLESALE AND RETAIL TRADE	810	804	6	-	6	-	-	-	8	22	259	515
ALL OTHER INDUSTRIES	1 213	977	236	8	48	180	-	-	20	123	628	437
MANAGERS AND ADMINISTRATORS, N.E.C.	616	-	-	-	-	-	610	6	11	46	177	376
SELF-EMPLOYED	90	-	-	-	-	-	90	-	6	3	29	52
CONSTRUCTION	104	-	-	-	-	-	104	-	-	-	32	72
MANUFACTURING	237	-	-	-	-	-	237	-	5	26	73	127
WHOLESALE AND RETAIL TRADE	185	-	-	-	-	-	179	6	-	17	43	125
ALL OTHER INDUSTRIES	1 398	883	383	141	87	155	132	-	26	27	806	522
MANAGEMENT RELATED OCCUPATIONS	492	319	88	19	20	49	85	-	-	21	261	199
ACCOUNTANTS AND AUDITORS	216	203	5	-	-	5	8	-	12	-	95	109
BUYERS AND PURCHASING AGENTS	-	-	-	-	-	-	-	-	-	-	-	-
PROFESSIONAL SPECIALTY OCCUPATIONS	5 276	2 376	2 339	52	467	1 820	561	-	125	367	2 646	2 064
ENGINEERS, ARCHITECTS, AND SURVEYORS	824	611	175	19	20	136	38	-	7	37	519	263
ARCHITECTS	50	19	20	-	7	13	11	-	-	-	37	13
ENGINEERS	722	555	148	19	13	116	19	-	7	29	443	225
ELECTRICAL AND ELECTRONIC ENGINEERS	110	80	24	5	-	19	6	-	-	6	56	39
MECHANICAL ENGINEERS	118	105	-	-	-	-	13	-	-	7	66	41
OTHER ENGINEERS	494	370	124	14	13	97	-	-	7	16	321	145
SURVEYORS AND MAPPING SCIENTISTS	52	37	7	-	-	-	8	-	-	8	39	5
MATHEMATICAL AND COMPUTER SCIENTISTS	51	25	18	6	-	12	8	-	-	-	37	14
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	45	19	18	6	-	12	8	-	-	-	31	14
NATURAL SCIENTISTS	176	130	46	7	15	24	-	-	-	-	122	50
HEALTH DIAGNOSING OCCUPATIONS	613	337	43	-	6	37	233	-	-	37	249	316
PHYSICIANS	308	175	43	-	6	37	90	-	-	22	78	202
DENTISTS	169	98	-	-	-	-	71	-	-	15	129	25
OTHER HEALTH DIAGNOSING PRACTITIONERS	136	64	-	-	-	-	72	-	-	-	42	89
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	236	169	36	-	10	26	31	-	-	17	124	95
REGISTERED NURSES	46	29	17	-	10	7	-	-	7	39	-	-
PHARMACISTS	103	76	-	-	-	-	27	-	-	-	40	63
THERAPISTS	69	46	19	-	-	19	4	-	-	5	45	19
TEACHERS, LIBRARIANS, AND COUNSELORS	1 823	173	1 640	6	361	1 273	10	-	66	145	959	636
TEACHERS, POSTSECONDARY	386	6	380	-	236	144	-	-	45	32	184	118
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	807	80	727	-	65	662	-	-	14	72	421	295
TEACHERS, SECONDARY	491	35	456	-	39	417	-	-	7	41	281	157
SOCIAL SCIENTISTS AND URBAN PLANNERS	92	24	68	5	5	57	-	-	-	9	60	23
SOCIAL AND RECREATION WORKERS	261	57	197	6	27	170	7	-	-	20	145	96
RELIGIOUS WORKERS	348	302	-	-	-	-	46	-	16	39	74	219
LAWYERS AND JUDGES	307	137	61	-	-	61	109	-	-	5	113	189
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	545	411	55	8	23	24	79	-	36	58	244	183
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	10 233	7 987	1 056	530	162	364	1 182	8	319	1 077	4 840	3 752
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	1 334	1 082	224	73	42	109	26	2	44	98	759	408
HEALTH TECHNOLOGISTS AND TECHNICIANS	223	180	37	-	-	37	6	-	-	13	88	122
LICENSED PRACTICAL NURSES	21	13	8	-	-	8	-	-	-	-	6	15
ENGINEERING AND SCIENCE TECHNICIANS	720	600	105	28	36	41	15	-	32	69	445	162
ELECTRICAL AND ELECTRONIC TECHNICIANS	110	55	55	14	23	18	-	-	7	-	76	27
DRAFTING AND SURVEYING TECHNICIANS	250	231	13	7	-	6	6	-	14	50	134	40
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	391	302	82	45	6	31	5	2	12	16	226	124
AIRPLANE PILOTS AND NAVIGATORS	45	41	4	-	-	4	-	-	7	11	7	20
COMPUTER PROGRAMMERS	56	50	6	-	-	6	-	-	-	-	44	12
SALES OCCUPATIONS	6 240	5 058	64	24	11	29	1 112	6	146	743	2 626	2 585
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 601	1 098	-	-	-	-	497	6	11	89	448	1 044
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	503	-	-	-	-	-	497	6	6	63	114	320
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	1 410	1 043	53	24	-	29	314	-	20	182	697	483
SALES WORKERS, RETAIL AND PERSONAL SERVICES	1 076	995	-	-	-	-	81	-	30	24	610	396
CASHIERS	2 148	1 922	11	-	11	-	215	-	85	443	871	662
SALES RELATED OCCUPATIONS	467	447	11	-	11	-	9	-	30	120	246	66
	5	-	-	-	-	-	5	-	-	5	-	-

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

MODESTO, CA SMSA

	EMPLOYED PERSONS							PERSONS AT WORK				
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS		
		TOTAL	FEDERAL	STATE			LOCAL					
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	2 659	1 847	768	433	109	226	44	-	129	236	1 455	759
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	384	245	139	48	29	62	-	-	3	-	246	128
COMPUTER EQUIPMENT OPERATORS	50	40	10	4	-	6	-	-	-	-	39	11
SECRETARIES, STENOGRAHERS, AND TYPISTS	47	20	27	-	7	20	-	-	6	6	15	20
SECRETARIES	20	20	-	-	-	-	-	-	-	-	-	20
RECEPTIONISTS	20	14	6	-	-	6	-	-	-	4	16	-
FILE CLERKS	14	14	-	-	-	-	-	-	-	-	14	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	196	176	6	-	-	6	14	-	21	17	77	75
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	139	119	6	-	-	6	14	-	21	11	54	47
TELEPHONE OPERATORS	22	22	-	-	-	-	-	-	-	-	22	-
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	457	123	334	329	-	5	-	-	28	33	239	157
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	479	433	46	6	11	29	-	-	6	85	237	120
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	51	45	-	-	-	-	6	-	-	-	36	15
BANK TELLERS	10	10	-	-	-	-	-	-	8	2	-	-
DATA-ENTRY KEYERS	21	21	-	-	-	-	-	-	-	-	12	9
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	908	684	200	46	62	92	24	-	57	89	502	224
SERVICE OCCUPATIONS	5 844	3 693	1 806	60	345	1 401	319	26	362	1 255	2 749	1 281
PRIVATE HOUSEHOLD OCCUPATIONS	22	-	-	-	-	-	-	-	-	8	10	4
PROTECTIVE SERVICE OCCUPATIONS	1 350	449	888	37	154	697	13	-	32	114	617	542
FIREFIGHTING OCCUPATIONS	264	-	264	11	-	253	-	-	-	11	23	223
POLICE AND DETECTIVES, PUBLIC SERVICE	282	-	282	-	48	234	-	-	-	-	170	107
GUARDS	498	419	66	16	32	18	13	-	32	103	226	117
OTHER PROTECTIVE SERVICE OCCUPATIONS	306	30	276	10	74	192	-	-	-	-	198	95
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	4 472	3 222	918	23	191	704	306	26	330	1 133	2 122	735
FOOD PREPARATION AND SERVICE OCCUPATIONS	1 545	1 440	32	-	20	12	47	26	116	606	524	251
WAITERS AND FOOD COUNTER WORKERS	76	76	-	-	-	-	-	-	19	36	13	8
COOKS	789	750	4	-	-	4	26	-	38	295	283	169
HEALTH SERVICE OCCUPATIONS	201	172	29	-	17	12	-	-	-	76	98	27
NURSING AIDS, ORDERLIES, AND ATTENDANTS	146	128	18	-	6	12	-	-	-	62	69	15
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	2 375	1 434	814	23	141	650	127	-	169	414	1 336	358
PERSONAL SERVICE OCCUPATIONS	351	176	43	-	13	30	132	-	45	37	164	99
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	176	63	-	-	-	-	113	-	-	13	105	52
FARMING, FORESTRY, AND FISHING OCCUPATIONS	7 480	4 879	231	13	27	191	2 283	87	479	901	2 182	3 732
FARM OPERATORS AND MANAGERS	2 781	689	-	-	-	-	2 092	-	113	284	654	1 702
FARM OCCUPATIONS, EXCEPT MANAGERIAL	4 044	3 868	54	7	-	47	35	87	304	532	1 233	1 846
RELATED AGRICULTURAL OCCUPATIONS	632	306	177	6	27	144	149	-	62	74	295	172
FORESTRY AND FISHING OCCUPATIONS	23	16	-	-	-	-	7	-	-	11	-	12
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	13 805	11 628	538	82	94	362	1 604	35	243	1 424	7 756	3 910
MECHANICS AND REPAIRERS	4 640	4 036	156	25	47	84	441	7	76	274	2 709	1 447
AUTOMOBILE MECHANICS, INCLUDING BODY	1 558	1 285	74	9	41	24	192	7	47	141	906	418
AIRCRAFT MECHANICS	7	-	7	7	-	-	-	-	-	-	7	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	134	99	5	5	-	-	30	-	-	11	63	60
OTHER MECHANICS AND REPAIRERS	2 941	2 652	70	4	6	60	219	-	29	122	1 733	969
CONSTRUCTION TRADES	5 459	4 290	220	20	32	168	921	28	142	923	2 982	1 163
CARPENTERS	1 330	1 091	34	6	28	197	8	32	222	771	250	-
ELECTRICIANS	634	565	39	14	-	25	30	-	9	113	366	156
PAINTERS, CONSTRUCTION AND MAINTENANCE	551	408	20	-	-	20	118	5	8	113	312	90
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	344	276	18	-	-	18	50	-	-	33	255	30
OTHER CONSTRUCTION TRADES	2 600	1 950	109	6	26	77	526	15	93	442	1 278	657
EXTRACTIVE OCCUPATIONS	21	21	-	-	-	-	-	-	-	-	-	21
PRECISION PRODUCTION OCCUPATIONS	3 685	3 281	162	37	15	110	242	-	25	227	2 065	1 279
SUPERVISORS, PRODUCTION OCCUPATIONS	1 868	1 728	96	28	7	61	44	-	12	61	945	789
MANUFACTURING	1 267	1 248	-	-	-	-	19	-	-	51	659	513
PRECISION METALWORKING OCCUPATIONS	787	728	7	7	-	-	52	-	-	80	522	161
TOOL AND DIE MAKERS	77	69	-	-	-	-	8	-	-	6	47	24
MACHINISTS	413	384	7	7	-	-	22	-	-	30	305	71
SHEET METAL WORKERS	168	168	-	-	-	-	-	-	-	30	115	15
OTHER PRECISION METAL WORKERS	129	107	-	-	-	-	22	-	-	14	55	51
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	87	55	-	-	-	-	32	-	-	-	52	35
PLANT AND SYSTEM OPERATORS	140	91	49	-	-	49	-	-	-	-	93	47
OTHER PRECISION PRODUCTION OCCUPATIONS	803	679	10	2	8	-	114	-	13	86	453	247

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

(DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B.)

NODESTO, CA SMSA	EMPLOYED PERSONS								PERSONS AT WORK				
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS		15 TO 34 HOURS		35 TO 40 HOURS		41+ HOURS
		TOTAL	FEDERAL	STATE			LOCAL						
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS . . .	14 444	13 096	692	160	79	453	641	15	425	1 708	7 801	4 019	
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS . . .	5 109	4 796	163	30	30	103	150	-	72	478	3 214	1 167	
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION . . .	3 219	3 088	82	3	17	62	49	-	41	236	2 096	743	
METALWORKING AND PLASTIC WORKING													
MACHINE OPERATORS . . .	158	152	6	-	6	-	-	-	6	13	93	46	
PRINTING MACHINE OPERATORS . . .	249	225	17	-	6	11	7	-	-	18	181	50	
TEXTILE, APPAREL, AND FURNISHINGS													
MACHINE OPERATORS . . .	89	54	-	-	-	-	35	-	2	25	41	14	
TEXTILE MACHINE OPERATORS . . .	9	9	-	-	-	-	-	-	2	-	7	-	
TEXTILE SEWING MACHINE OPERATORS . . .	5	5	-	-	-	-	-	-	-	-	5	-	
LAUNDERING AND DRYCLEANING													
MACHINE OPERATORS . . .	67	32	-	-	-	-	35	-	-	17	29	14	
OTHER SPECIFIED MACHINE OPERATORS . . .	1 426	1 396	23	-	5	18	7	-	20	110	962	277	
MISCELLANEOUS AND NOT SPECIFIED													
MACHINE OPERATORS . . .	1 297	1 261	36	3	-	33	-	-	13	70	819	356	
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C. . .	722	702	20	3	-	17	-	-	-	27	488	173	
MACHINE OPERATORS, NOT SPECIFIED . . .	575	559	16	-	-	16	-	-	13	43	331	183	
INDUSTRY:													
MANUFACTURING . . .	1 124	1 117	7	3	-	4	-	-	13	38	747	287	
NONDURABLE GOODS . . .	719	715	4	-	-	4	-	-	-	27	482	171	
FOOD AND KINDRED PRODUCTS . . .	376	376	-	-	-	-	-	-	-	22	242	73	
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS . . .	-	-	-	-	-	-	-	-	-	-	-	-	
PAPER AND ALLIED PRODUCTS . . .	286	282	4	-	-	4	-	-	-	-	196	90	
OTHER NONDURABLE GOODS . . .	57	57	-	-	-	-	-	-	-	5	44	8	
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG . . .	405	402	3	3	-	-	-	-	13	11	265	116	
METAL INDUSTRIES . . .	153	150	3	3	-	-	-	-	-	-	132	21	
MACHINERY, INCLUDING ELECTRICAL . . .	13	13	-	-	-	-	-	-	8	5	-	-	
TRANSPORTATION EQUIPMENT . . .	31	31	-	-	-	-	-	-	-	6	16	15	
OTHER DURABLE GOODS . . .	208	208	-	-	-	-	-	-	5	6	117	80	
NONMANUFACTURING INDUSTRIES . . .	173	144	29	-	-	29	-	-	-	32	72	69	
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES . . .	19	13	6	-	-	6	-	-	-	-	6	13	
WHOLESALE AND RETAIL TRADE . . .	64	64	-	-	-	-	-	-	-	11	20	33	
ALL OTHER INDUSTRIES . . .	90	67	23	-	-	23	-	-	-	21	46	23	
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS . . .	1 626	1 469	61	20	6	35	96	-	20	206	952	391	
WELDERS AND CUTTERS . . .	1 114	1 005	55	14	6	35	54	-	16	102	672	300	
ASSEMBLERS . . .	447	423	6	6	-	-	18	-	4	96	229	85	
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS . . .	65	41	-	-	-	-	24	-	-	8	51	6	
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS . . .	264	239	20	7	7	6	5	-	11	36	166	33	
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS . . .	5 161	4 480	284	59	27	198	388	9	133	462	2 306	2 070	
MOTOR VEHICLE OPERATORS . . .	3 500	3 010	148	27	17	104	333	9	82	289	1 434	1 566	
TRUCK DRIVERS AND DRIVER-SALES WORKERS . . .	3 288	2 873	78	21	10	47	328	9	82	246	1 333	1 498	
BUS DRIVERS . . .	118	66	52	-	7	45	-	-	-	25	55	38	
RAIL AND WATER TRANSPORTATION OCCUPATIONS . . .	88	69	19	-	-	19	-	-	11	13	38	26	
MATERIAL MOVING EQUIPMENT OPERATORS . . .	1 573	1 401	117	32	10	75	55	-	40	160	834	478	
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS . . .	197	139	10	-	-	10	48	-	5	21	108	57	
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS . . .	4 174	3 820	245	71	22	152	103	6	220	768	2 281	782	
CONSTRUCTION LABORERS . . .	814	721	93	-	14	79	-	-	57	129	498	107	
HANDLERS . . .	873	822	18	6	-	12	27	6	56	218	409	178	
GARAGE AND SERVICE STATION RELATED OCCUPATIONS . . .	251	251	-	-	-	-	-	-	-	51	88	112	
HAND PACKERS AND PACKAGERS . . .	373	328	45	45	-	-	-	-	-	41	258	66	
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS . . .	304	262	20	6	-	14	22	-	33	74	134	41	
LABORERS, EXCEPT CONSTRUCTION . . .	1 559	1 436	69	14	8	47	54	-	74	255	894	278	
MANUFACTURING . . .	849	842	-	-	-	-	7	-	6	160	494	155	
NONDURABLE GOODS . . .	656	649	-	-	-	-	7	-	6	134	367	120	
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG . . .	193	193	-	-	-	-	-	-	-	26	127	35	
METAL INDUSTRIES . . .	50	50	-	-	-	-	-	-	-	-	42	3	
NONMANUFACTURING INDUSTRIES . . .	710	594	69	14	8	47	47	-	68	95	400	123	
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES . . .	133	93	34	-	2	32	6	-	24	12	68	21	
WHOLESALE AND RETAIL TRADE . . .	348	326	6	-	-	6	16	-	21	38	218	61	
ALL OTHER INDUSTRIES . . .	229	175	29	14	6	9	25	-	23	45	114	41	

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

MODESTO, CA SMSA	EMPLOYED PERSONS								PERSONS AT WORK					
	PRIV. WAGE AND SALARY TOTAL WORKERS		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS		15 TO 34 HOURS		35 TO 40 HOURS		41+ HOURS
	TOTAL	FEDERAL	STATE	LOCAL	1 TO 14 HOURS			15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS				
TOTAL														
FEMALES 16 YEARS AND OVER	42 152	31 254	8 409	657	1 262	6 490	1 994	495	3 128	11 416	20 770	5 098		
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	8 188	4 338	3 381	128	529	2 724	385	84	446	1 395	4 428	1 701		
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	3 124	2 407	443	106	76	261	195	79	51	406	1 721	875		
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	74	-	74	6	5	63	-	-	-	12	45	17		
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	115	30	78	3	18	57	7	-	13	3	37	53		
MANAGERS, MEDICINE AND HEALTH	33	28	5	-	-	5	-	-	-	-	12	21		
OTHER SPECIFIED MANAGERS	512	445	18	12	-	6	32	17	32	26	268	161		
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	1 260	1 179	81	22	12	47	-	-	-	232	684	314		
MANUFACTURING	162	162	-	-	-	-	-	-	-	6	125	31		
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	105	105	-	-	-	-	-	-	-	-	48	45		
WHOLESALE AND RETAIL TRADE	366	350	16	16	-	-	-	-	-	54	178	116		
ALL OTHER INDUSTRIES	627	562	65	6	12	47	-	-	-	172	333	122		
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	200	-	-	-	-	-	144	56	-	30	70	100		
CONSTRUCTION	6	-	-	-	-	-	6	-	-	-	-	6		
MANUFACTURING	13	-	-	-	-	-	7	6	-	6	7	-		
WHOLESALE AND RETAIL TRADE	92	-	-	-	-	-	72	20	-	5	37	50		
ALL OTHER INDUSTRIES	89	-	-	-	-	-	59	30	-	19	26	44		
MANAGEMENT RELATED OCCUPATIONS	930	725	187	63	41	83	12	6	6	103	605	209		
ACCOUNTANTS AND AUDITORS	271	201	58	5	6	47	12	-	6	24	164	77		
BUYERS AND PURCHASING AGENTS	92	79	13	6	7	-	-	-	17	62	-	13		
PROFESSIONAL SPECIALTY OCCUPATIONS	5 064	1 931	2 938	22	453	2 463	190	5	395	989	2 707	826		
ENGINEERS, ARCHITECTS, AND SURVEYORS	57	57	-	-	-	-	-	-	-	10	34	13		
ARCHITECTS	-	-	-	-	-	-	-	-	-	-	-	-		
ENGINEERS	57	57	-	-	-	-	-	-	-	10	34	13		
ELECTRICAL AND ELECTRONIC ENGINEERS	19	19	-	-	-	-	-	-	-	-	-	12	7	
MECHANICAL ENGINEERS	-	-	-	-	-	-	-	-	-	10	22	6		
OTHER ENGINEERS	38	38	-	-	-	-	-	-	-	-	-	-	1	
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-		
MATHEMATICAL AND COMPUTER SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-		
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-		
NATURAL SCIENTISTS	26	10	9	-	5	4	7	-	-	-	-	19	7	
HEALTH DIAGNOSING OCCUPATIONS	34	34	-	-	-	-	-	-	6	14	14	-		
PHYSICIANS	13	13	-	-	-	-	-	-	6	6	7	-		
DENTISTS	21	21	-	-	-	-	-	-	6	8	7	-		
OTHER HEALTH DIAGNOSING PRACTITIONERS	-	-	-	-	-	-	-	-	-	-	-	-		
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	1 277	991	286	7	32	247	-	-	33	273	710	200		
REGISTERED NURSES	1 121	889	232	7	13	212	-	-	33	273	585	180		
PHARMACISTS	13	13	-	-	-	-	-	-	-	-	13	-		
THERAPISTS	104	58	46	-	11	35	-	-	-	-	73	20		
TEACHERS, LIBRARIANS, AND COUNSELORS	2 893	452	2 343	15	357	1 971	98	-	302	550	1 516	467		
TEACHERS, POSTSECONDARY	223	18	205	-	88	117	-	-	77	42	95	9		
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	1 972	309	1 646	15	185	1 446	17	-	131	385	1 087	325		
TEACHERS, SECONDARY	265	37	228	-	35	193	-	-	19	145	145	87		
SOCIAL SCIENTISTS AND URBAN PLANNERS	67	27	26	-	4	22	14	-	-	17	44	6		
SOCIAL AND RECREATION WORKERS	249	24	212	-	32	180	13	-	19	21	166	33		
RELIGIOUS WORKERS	20	12	8	-	-	8	-	-	-	6	-	14		
LAWYERS AND JUDGES	30	25	-	-	-	-	5	-	5	-	13	12		
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	411	299	54	-	23	31	53	5	30	98	191	74		
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	19 398	14 933	3 352	418	545	2 389	806	307	1 278	5 224	10 321	1 926		
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	1 239	1 030	191	18	41	132	18	-	81	141	712	239		
HEALTH TECHNOLOGISTS AND TECHNICIANS	761	679	76	-	23	53	6	-	59	92	440	110		
LICENSED PRACTICAL NURSES	372	312	54	-	19	35	6	-	20	41	233	38		
ENGINEERING AND SCIENCE TECHNICIANS	272	242	18	6	7	5	12	-	15	26	162	63		
ELECTRICAL AND ELECTRONIC TECHNICIANS	8	8	-	-	-	-	-	-	-	-	-	8		
DRAFTING AND SURVEYING TECHNICIANS	43	25	6	6	-	-	12	-	-	-	32	11		
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	206	109	97	12	11	74	-	-	7	23	110	66		
AIRPLANE PILOTS AND NAVIGATORS	21	-	-	-	-	-	-	-	-	-	-	12	9	
COMPUTER PROGRAMMERS	21	9	12	-	-	12	-	-	-	-	-	-		
SALES OCCUPATIONS	5 437	4 706	98	11	17	70	542	91	532	2 065	2 038	600		
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	516	339	7	-	-	7	161	9	13	84	233	162		
SELF-EMPLOYED	170	-	-	-	-	-	161	9	-	42	53	75		
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	734	606	10	5	5	-	99	19	23	159	340	206		
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL TRADE	165	129	-	-	-	-	29	7	5	82	78	-		
SALES WORKERS, RETAIL AND PERSONAL SERVICES	4 001	3 611	81	6	12	63	253	56	485	1 735	1 387	232		
CASHIERS	1 329	1 217	75	-	12	63	8	29	107	544	566	47		
SALES RELATED OCCUPATIONS	21	21	-	-	-	-	-	-	6	5	-	-		

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B.

MODESTO, CA SMSA	EMPLOYED PERSONS										PERSONS AT WORK			
	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS		15 TO 34 HOURS		35 TO 40 HOURS		41+ HOURS	
		TOTAL	FEDERAL	STATE										
TOTAL														
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	12 722	9 197	3 063	389	487	2 187	246	216	665	3 018	7 571	1 087		
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	414	327	76	7	15	54	5	6	-	31	314	60		
COMPUTER EQUIPMENT OPERATORS	197	173	24	-	-	24	-	-	-	15	139	43		
SECRETARIES, STENOGRAPHERS, AND TYPISTS	3 771	2 690	994	56	229	709	41	46	172	725	2 406	336		
SECRETARIES	3 104	2 402	654	44	173	417	22	46	107	603	2 011	288		
RECEPTIONISTS	727	633	90	21	6	63	-	4	54	209	388	44		
FILE CLERKS	184	103	81	10	6	65	-	-	12	61	92	19		
FINANCIAL RECORDS PROCESSING OCCUPATIONS	2 547	2 036	219	22	22	175	161	131	171	636	1 417	248		
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	2 186	1 710	184	10	14	160	161	131	150	565	1 223	183		
TELEPHONE OPERATORS	312	292	20	-	10	10	-	-	-	55	213	26		
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	141	40	101	94	7	-	-	-	13	12	89	22		
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	283	253	25	9	-	16	5	-	18	34	188	43		
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	12	12	-	-	-	-	-	-	-	-	12	-		
BANK TELLERS	450	425	25	9	16	-	-	-	12	168	222	25		
DATA-ENTRY KEYERS	111	91	20	-	6	14	-	-	4	23	76	8		
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	3 573	2 122	1 388	161	170	1 057	34	29	209	1 049	2 015	213		
SERVICE OCCUPATIONS	7 815	5 985	1 368	75	145	1 148	414	48	958	3 320	2 632	637		
PRIVATE HOUSEHOLD OCCUPATIONS	510	510	-	-	-	-	-	-	175	177	121	37		
PROTECTIVE SERVICE OCCUPATIONS	139	54	85	-	7	78	-	-	7	44	48	26		
FIREFIGHTING OCCUPATIONS	10	-	10	-	-	10	-	-	-	-	10	-		
POLICE AND DETECTIVES, PUBLIC SERVICE	12	12	-	-	-	-	-	-	-	-	-	-		
GUARDS	77	54	23	-	-	23	-	-	7	23	20	13		
OTHER PROTECTIVE SERVICE OCCUPATIONS	40	-	40	-	7	33	-	-	-	15	18	7		
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	7 166	5 421	1 283	75	138	1 070	414	48	776	3 099	2 463	574		
FOOD PREPARATION AND SERVICE OCCUPATIONS	2 883	2 407	395	26	43	326	56	25	313	1 508	811	169		
WAITERS AND FOOD COUNTER WORKERS	1 353	1 303	6	6	-	31	13	106	761	416	38			
COOKS	756	580	151	15	22	114	19	6	48	393	237	59		
HEALTH SERVICE OCCUPATIONS	1 701	1 526	153	-	32	121	6	16	92	532	840	182		
NURSING AIDS, ORDERLIES, AND ATTENDANTS	1 224	1 082	136	-	32	104	6	-	68	386	625	107		
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	1 837	666	147	-	12	135	24	-	101	251	401	46		
PERSONAL SERVICE OCCUPATIONS	1 745	822	588	49	51	488	328	7	270	808	411	177		
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	608	425	-	-	-	-	183	-	36	265	201	80		
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 162	862	69	-	8	61	210	21	126	287	411	204		
FARM OPERATORS AND MANAGERS	237	44	8	-	-	8	185	-	57	54	69	57		
FARM OCCUPATIONS, EXCEPT MANAGERIAL	676	638	17	-	-	17	-	21	45	169	236	119		
RELATED AGRICULTURAL OCCUPATIONS	249	180	44	-	8	36	25	-	24	64	106	28		
FORESTRY AND FISHING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-		
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	906	796	-	-	-	-	92	18	33	250	434	113		
MECHANICS AND REPAIRERS	92	87	-	-	-	-	5	-	-	7	63	15		
AUTOMOBILE MECHANICS, INCLUDING BODY	-	-	-	-	-	-	-	-	-	-	-	-		
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-		
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-		
OTHER MECHANICS AND REPAIRERS	92	87	-	-	-	-	5	-	-	7	63	15		
CONSTRUCTION TRADES	85	59	-	-	-	-	20	6	11	43	24	7		
CARPENTERS	35	14	-	-	-	-	15	6	-	14	14	7		
ELECTRICIANS	4	4	-	-	-	-	-	-	-	-	4	-		
PAINTERS, CONSTRUCTION AND MAINTENANCE	32	27	-	-	-	-	5	-	11	21	-	-		
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	-	-	-	-	-	-	-	-	-	-	8	6		
OTHER CONSTRUCTION TRADES	14	14	-	-	-	-	-	-	-	-	-	-		
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-		
PRECISION PRODUCTION OCCUPATIONS	729	650	-	-	-	-	67	12	22	200	347	91		
SUPERVISORS, PRODUCTION OCCUPATIONS	198	186	-	-	-	-	6	6	2	31	99	39		
MANUFACTURING	131	131	-	-	-	-	-	-	2	12	65	33		
PRECISION METALWORKING OCCUPATIONS	31	31	-	-	-	-	-	-	-	14	17	-		
TOOL AND DIE MAKERS	-	-	-	-	-	-	-	-	-	-	-	-		
MACHINISTS	11	11	-	-	-	-	-	-	-	5	6	-		
SHEET METAL WORKERS	5	5	-	-	-	-	-	-	-	1	5	-		
OTHER PRECISION METAL WORKERS	15	15	-	-	-	-	-	-	-	9	6	-		
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	100	65	-	-	-	-	35	-	12	51	31	-		
PLANT AND SYSTEM OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-		
OTHER PRECISION PRODUCTION OCCUPATIONS	400	368	-	-	-	-	26	6	8	104	200	52		

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

(DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B)

MODESTO, CA SMSA

	EMPLOYED PERSONS							PERSONS AT WORK			
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				
		TOTAL	FEDERAL	STATE			LOCAL	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS	
TOTAL											
OPERATORS, FABRICATORS, AND LABORERS . . .	4 683	4 340	239	36	35	168	87	17	287	940	2 544
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS . . .	3 097	2 955	81	20	6	55	46	15	195	549	1 764
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION . . .	1 939	1 834	62	7	-	55	34	9	116	367	1 124
METALWORKING AND PLASTIC WORKING									6	-	54
MACHINE OPERATORS . . .	60	60	-	-	-	-	-	-	5	24	93
PRINTING MACHINE OPERATORS . . .	139	114	25	-	-	25	-	-	-	-	12
TEXTILE, APPAREL, AND FURNISHINGS											
MACHINE OPERATORS . . .	153	147	-	-	-	-	6	-	12	48	93
TEXTILE MACHINE OPERATORS . . .	18	18	-	-	-	-	-	-	-	18	-
TEXTILE SEWING MACHINE OPERATORS . . .	44	38	-	-	-	-	6	-	12	18	14
LAUNDERING AND DRYCLEANING											
MACHINE OPERATORS . . .	39	39	-	-	-	-	-	-	15	24	-
OTHER SPECIFIED MACHINE OPERATORS . . .	821	773	11	-	-	11	28	9	46	156	463
MISCELLANEOUS AND NOT SPECIFIED											
MACHINE OPERATORS . . .	766	740	26	7	-	19	-	-	47	139	421
OCCUPATION:											
MISCELLANEOUS MACHINE OPERATORS, N.E.C. . .	261	261	-	-	-	-	-	-	21	29	185
MACHINE OPERATORS, NOT SPECIFIED . . .	505	479	26	7	-	19	-	-	26	110	236
INDUSTRY:											
MANUFACTURING . . .	678	659	19	-	-	19	-	-	47	95	399
NONDURABLE GOODS . . .	598	587	11	-	-	11	-	-	39	87	350
FOOD AND KINDRED PRODUCTS . . .	501	490	11	-	-	11	-	-	39	87	273
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS . . .	8	8	-	-	-	-	-	-	-	-	8
PAPER AND ALLIED PRODUCTS . . .	44	44	-	-	-	-	-	-	-	-	38
OTHER NONDURABLE GOODS . . .	45	45	-	-	-	-	-	-	-	-	31
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG. . .	80	72	8	-	-	8	-	-	8	8	49
METAL INDUSTRIES . . .	34	34	-	-	-	-	-	-	-	-	34
MACHINERY, INCLUDING ELECTRICAL . . .	13	13	-	-	-	-	-	-	-	8	5
TRANSPORTATION EQUIPMENT . . .	33	25	8	-	-	8	-	-	8	-	10
OTHER DURABLE GOODS . . .	88	81	7	7	-	-	-	-	44	22	3
NONMANUFACTURING INDUSTRIES . . .											
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES . . .	23	23	-	-	-	-	-	-	19	4	-
WHOLESALE AND RETAIL TRADE . . .	46	46	-	-	-	-	-	-	13	18	3
ALL OTHER INDUSTRIES . . .	19	12	7	7	-	-	-	-	12	-	-
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS . . .	319	296	11	5	6	-	12	-	14	55	203
WELDERS AND CUTTERS . . .	17	11	6	-	6	-	-	-	3	14	-
ASSEMBLERS . . .	254	249	5	5	-	-	-	-	14	32	161
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS . . .	48	36	-	-	-	-	12	-	-	20	28
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS . . .	839	825	8	8	-	-	-	6	65	127	437
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS . . .	438	292	118	6	24	88	28	-	25	111	202
MOTOR VEHICLE OPERATORS . . .	337	203	106	-	18	88	28	-	25	111	126
TRUCK DRIVERS AND DRIVER-SALES WORKERS . . .	147	123	-	-	-	-	24	-	5	17	71
BUS DRIVERS . . .	175	74	101	-	13	88	-	-	20	85	49
RAIL AND WATER TRANSPORTATION OCCUPATIONS . . .	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS . . .	101	89	12	6	6	-	-	-	-	-	76
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS . . .	14	14	-	-	-	-	-	-	-	-	14
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS . . .	1 148	1 093	40	10	5	25	13	2	67	280	578
CONSTRUCTION LABORERS . . .	23	23	-	-	-	-	-	-	-	8	15
FREIGHT, STOCK, AND MATERIAL HANDLERS . . .	157	157	-	-	-	-	-	-	-	60	73
GARAGE AND SERVICE STATION RELATED OCCUPATIONS . . .	5	5	-	-	-	-	-	-	-	-	-
HAND PACKERS AND PACKAGERS . . .	420	393	14	6	-	8	13	-	5	-	-
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS . . .	23	23	-	-	-	-	-	-	-	16	7
LABORERS, EXCEPT CONSTRUCTION . . .	520	492	26	4	5	17	-	2	33	69	279
MANUFACTURING . . .	427	411	16	-	5	11	-	-	19	65	243
NONDURABLE GOODS, INCLUDING NOT SPECIFIED MFG. . .	409	393	16	-	5	11	-	-	19	59	237
DURABLE GOODS . . .	18	18	-	-	-	-	-	-	-	6	6
METAL INDUSTRIES . . .	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING INDUSTRIES . . .	93	81	10	4	-	6	-	2	14	4	36
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES . . .	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE . . .	47	39	6	-	-	6	-	2	6	4	17
ALL OTHER INDUSTRIES . . .	46	42	4	4	-	-	-	8	-	19	20

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

(DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B)

MODESTO, CA SMSA	EMPLOYED PERSONS										PERSONS AT WORK			
	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				15 TO 34 HOURS			
		TOTAL	FEDERAL	STATE			LOCAL	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS	
SPANISH ORIGIN														
MALES 16 YEARS AND OVER	8 372	7 188	799	89	122	588	359	26	331	886	4 279	2 567		
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	680	391	235	33	49	153	54	-	26	47	406	195		
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	435	274	124	26	27	71	37	-	6	26	265	132		
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	-	-	-	-	-	-	-	-	-	-	-	-		
MANAGEMENT RELATED OCCUPATIONS	135	79	52	19	27	6	4	-	-	-	112	23		
PROFESSIONAL SPECIALTY OCCUPATIONS	245	117	111	7	22	82	17	-	20	21	141	63		
ENGINEERS AND NATURAL SCIENTISTS	13	6	7	7	-	-	-	-	-	-	7	6		
ENGINEERS	13	6	7	7	-	-	-	-	-	-	7	6		
HEALTH DIAGNOSING OCCUPATIONS	6	-	-	-	-	-	6	-	-	-	6	-		
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	22	14	8	-	-	8	-	-	-	-	22	-		
TEACHERS, LIBRARIANS, AND COUNSELORS	84	21	63	-	14	49	-	-	20	13	39	12		
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	56	13	43	-	14	29	-	-	-	13	31	12		
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	704	597	66	13	8	45	41	-	19	41	387	215		
HEALTH TECHNOLOGISTS AND TECHNICIANS	27	13	14	-	-	14	-	-	-	-	7	20		
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	81	81	-	-	-	-	-	-	-	-	68	13		
SALES OCCUPATIONS	340	299	-	-	-	-	41	-	12	26	166	117		
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	107	73	-	-	-	-	34	-	6	13	19	69		
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	62	62	-	-	-	-	-	-	-	-	33	23		
OTHER SALES OCCUPATIONS	171	164	-	-	-	-	7	-	6	13	114	25		
CASHIERS	51	51	-	-	-	-	-	-	6	10	30	5		
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	256	204	52	13	8	31	-	-	7	15	146	65		
COMPUTER EQUIPMENT OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-		
SECRETARIES, STENOGRAPHERS, AND TYPISTS	-	-	-	-	-	-	-	-	-	-	-	-		
FINANCIAL RECORDS PROCESSING OCCUPATIONS	13	13	-	-	-	-	-	-	-	-	-	13	-	
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	28	21	7	7	-	-	-	-	-	-	-	15	13	
SERVICE OCCUPATIONS	1 056	674	315	13	61	241	50	17	29	181	679	136		
PRIVATE HOUSEHOLD OCCUPATIONS	4	4	-	-	-	-	-	-	-	-	4	-		
PROTECTIVE SERVICE OCCUPATIONS	93	20	73	-	12	61	-	-	-	-	6	54	33	
POLICE AND FIREFIGHTERS	39	-	39	-	-	39	-	-	-	-	30	9		
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	959	650	242	13	49	180	50	17	29	175	621	103		
FOOD SERVICE OCCUPATIONS	330	306	2	-	-	2	5	17	7	78	195	43		
OCCUPATIONS, EXCEPT HOUSEHOLD	554	295	228	13	49	166	31	-	16	85	376	53		
FARMING, FORESTRY, AND FISHING OCCUPATIONS	2 112	1 954	52	-	-	52	97	9	153	172	701	1 006		
FARM OPERATORS AND MANAGERS	275	193	-	-	-	-	82	12	12	96	142			
FARM WORKERS AND RELATED OCCUPATIONS	1 837	1 761	52	-	-	52	15	9	141	149	607	864		
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	1 337	1 231	13	7	-	6	93	-	30	151	736	374		
MECHANICS AND REPAIRERS	489	468	-	-	-	-	21	-	10	26	298	143		
CONSTRUCTION TRADES	354	310	6	-	-	6	38	-	12	91	179	49		
PRECISION PRODUCTION OCCUPATIONS	494	453	7	7	-	-	34	-	8	34	259	182		
OPERATORS, FABRICATORS, AND LABORERS	2 483	2 341	118	23	4	91	24	-	74	294	1 370	641		
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	706	691	15	-	-	15	-	-	8	40	414	203		
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	372	350	22	15	-	7	-	-	8	72	197	81		
TRANSPORTATION OCCUPATIONS	320	296	16	-	-	16	8	-	6	16	177	104		
MOTOR VEHICLE OPERATORS	312	296	8	-	-	8	8	-	6	8	177	104		
MATERIAL MOVING EQUIPMENT OPERATORS	295	273	22	8	2	12	-	-	6	31	158	83		
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	790	731	43	-	2	41	16	-	46	135	424	170		
CONSTRUCTION LABORERS	80	59	21	-	-	21	-	-	-	14	61	5		
FREIGHT, STOCK, AND MATERIAL HANDLERS	116	106	6	-	-	6	4	-	16	19	52	29		

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

MODESTO, CA SMSA	EMPLOYED PERSONS										PERSONS AT WORK					
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS					15 TO 34 HOURS				
		TOTAL	FEDERAL	STATE			LOCAL	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS						
SPANISH ORIGIN																
FEMALES 16 YEARS AND OVER	4 076	3 096	870	94	149	627	92	18	284	1 051	2 119	330				
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	436	211	212	5	73	134	13	-	38	43	285	70				
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	118	95	17	-	7	10	6	-	-	13	77	28				
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	-	-	-	-	-	-	-	-	-	-	-	-				
MANAGEMENT RELATED OCCUPATIONS	41	30	11	-	7	4	-	-	-	7	34	-				
PROFESSIONAL SPECIALTY OCCUPATIONS	318	116	195	5	66	124	7	-	38	30	208	42				
ENGINEERS AND NATURAL SCIENTISTS	16	16	-	-	-	-	-	-	-	-	16	-				
ENGINEERS	12	12	-	-	-	-	-	-	-	-	12	-				
HEALTH DIAGNOSING OCCUPATIONS	6	6	-	-	-	-	-	-	6	-	-	-				
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	23	9	14	-	8	6	-	-	-	-	16	7				
TEACHERS, LIBRARIANS, AND COUNSELORS	162	24	138	5	38	95	-	-	27	30	80	25				
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	108	15	93	5	23	65	-	-	23	30	41	14				
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS																
HEALTH TECHNOLOGISTS AND TECHNICIANS	43	36	7	43	57	305	25	14	84	417	818	99				
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	45	40	5	-	5	-	-	-	-	5	35	-				
SALES OCCUPATIONS	459	434	-	-	-	-	25	-	59	198	185	17				
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	23	11	-	-	-	-	12	-	-	12	6	5				
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	64	64	-	-	-	-	-	-	6	37	15	6				
OTHER SALES OCCUPATIONS	372	359	-	-	-	-	13	-	53	149	164	6				
CASHIERS	156	156	-	-	-	-	-	-	-	56	100	-				
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	915	508	393	43	52	298	-	14	25	208	568	73				
COMPUTER EQUIPMENT OPERATORS	14	14	-	-	-	-	-	-	-	-	14	-				
SECRETARIES, STENOGRAPHERS, AND TYPISTS	240	128	105	8	18	79	-	7	-	38	174	15				
FINANCIAL RECORDS PROCESSING OCCUPATIONS	88	71	17	-	-	17	-	-	-	12	63	13				
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-				
SERVICE OCCUPATIONS	776	544	195	42	19	134	33	4	77	292	290	46				
PRIVATE HOUSEHOLD OCCUPATIONS	67	67	-	-	-	-	-	-	23	20	22	2				
PROTECTIVE SERVICE OCCUPATIONS	15	8	7	-	-	7	-	-	-	15	-	-				
POLICE AND FIREFIGHTERS	-	-	-	-	-	-	-	-	-	-	-	-				
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	694	469	188	42	19	127	33	4	54	257	268	44				
FOOD SERVICE OCCUPATIONS	227	173	44	20	7	17	6	4	19	103	56	13				
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	167	129	38	-	-	38	-	-	23	52	88	-				
FARMING, FORESTRY, AND FISHING OCCUPATIONS	359	312	26	-	-	26	21	-	6	93	162	30				
FARM OPERATORS AND MANAGERS	25	7	8	-	-	8	10	-	-	8	17	-				
FARM WORKERS AND RELATED OCCUPATIONS	334	305	18	-	-	18	11	-	6	85	145	30				
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	109	109	-	-	-	-	-	-	-	39	32	9				
MECHANICS AND REPAIRERS	3	3	-	-	-	-	-	-	-	3	-	-				
CONSTRUCTION TRADES	-	-	-	-	-	-	-	-	-	-	-	-				
PRECISION PRODUCTION OCCUPATIONS	106	106	-	-	-	-	-	-	-	36	32	9				
OPERATORS, FABRICATORS, AND LABORERS	934	902	32	4	-	28	-	-	79	167	532	76				
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	378	361	17	-	-	17	-	-	25	80	241	20				
TRANSPORTATION OCCUPATIONS	256	256	-	-	-	-	-	-	34	42	116	31				
MOTOR VEHICLE OPERATORS	17	12	5	-	-	5	-	-	5	-	12	-				
MATERIAL MOVING EQUIPMENT OPERATORS	17	12	5	-	-	5	-	-	5	-	12	-				
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	20	20	-	-	-	-	-	-	-	-	13	7				
CONSTRUCTION LABORERS	263	253	10	4	-	6	-	-	15	45	150	18				
FREIGHT, STOCK, AND MATERIAL HANDLERS	-	-	-	-	-	-	-	-	-	6	19	4				
	29	29	-	-	-	-	-	-	-	-	-	-				

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B.]

OXNARD-SIMI VALLEY-VENTURA, CA SMSA

	EMPLOYED PERSONS										PERSONS AT WORK			
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS		15 TO 34 HOURS		35 TO 40 HOURS		41+ HOURS	
		TOTAL	FEDERAL	STATE										
TOTAL														
MALES 16 YEARS AND OVER	139 071	104 201	21 956	8 129	2 958	10 869	12 518	396	3 898	14 315	70 663	46 668		
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	38 143	24 830	9 131	3 243	1 246	4 642	4 132	50	596	1 978	20 357	14 738		
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	19 996	14 991	2 919	1 168	361	1 390	2 042	44	186	690	9 962	8 904		
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	519	-	519	215	36	268	-	-	19	19	334	134		
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	467	95	360	-	36	324	12	-	6	6	229	217		
MANAGERS, MEDICINE AND HEALTH	137	119	18	-	11	7	-	-	-	-	86	45		
OTHER SPECIFIED MANAGERS	3 620	3 210	244	138	19	87	166	-	32	80	1 674	1 793		
MANAGERS AND ADMINISTRATORS, N.E.C. / SALARIED	9 990	9 194	796	372	105	319	-	-	57	324	4 844	4 652		
MANUFACTURING	3 074	3 062	12	12	-	-	-	-	5	31	1 624	1 360		
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	665	610	55	17	-	38	-	-	12	23	343	270		
WHOLESALE AND RETAIL TRADE	2 505	2 505	-	-	-	-	-	-	7	114	884	1 475		
ALL OTHER INDUSTRIES	3 746	3 017	729	343	105	281	-	-	33	156	1 993	1 547		
MANAGERS AND ADMINISTRATORS, N.E.C. / SELF-EMPLOYED	1 532	-	-	-	-	-	1 492	40	20	135	516	854		
CONSTRUCTION	206	-	-	-	-	-	206	-	17	80	109			
MANUFACTURING	195	-	-	-	-	-	189	6	-	23	86	86		
WHOLESALE AND RETAIL TRADE	583	-	-	-	-	-	562	21	14	31	166	370		
ALL OTHER INDUSTRIES	548	-	-	-	-	-	535	13	6	64	184	289		
MANAGEMENT RELATED OCCUPATIONS	3 731	2 373	982	443	154	385	372	4	52	126	2 279	1 209		
ACCOUNTANTS AND AUDITORS	1 105	735	205	88	32	85	165	-	9	21	593	445		
BUYERS AND PURCHASING AGENTS	528	479	11	4	3	4	38	-	5	15	340	152		
PROFESSIONAL SPECIALTY OCCUPATIONS	18 147	9 839	6 212	2 075	885	3 252	2 090	6	410	1 288	10 395	5 834		
ENGINEERS, ARCHITECTS, AND SURVEYORS	6 939	4 875	1 636	1 402	62	172	422	6	36	276	4 854	1 694		
ARCHITECTS	428	219	14	-	8	6	189	6	5	45	248	117		
ENGINEERS	6 450	4 619	1 612	1 398	54	160	219	-	31	224	4 585	1 548		
ELECTRICAL AND ELECTRONIC ENGINEERS	2 118	1 449	628	616	-	12	41	-	-	78	1 485	550		
MECHANICAL ENGINEERS	617	476	127	114	-	13	14	-	7	20	416	161		
OTHER ENGINEERS	3 715	2 694	857	668	54	135	164	-	24	126	2 684	837		
SURVEYORS AND MAPPING SCIENTISTS	61	37	10	4	-	6	14	-	7	21	29			
MATHEMATICAL AND COMPUTER SCIENTISTS	905	589	288	268	8	12	28	-	10	29	596	270		
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	520	369	123	111	-	12	28	-	5	9	347	159		
NATURAL SCIENTISTS	629	375	218	122	32	64	36	-	6	24	413	181		
HEALTH DIAGNOSING OCCUPATIONS	1 326	547	178	24	62	92	601	-	11	151	407	746		
PHYSICIANS	830	378	164	18	54	92	288	-	6	45	202	566		
DENTISTS	291	110	8	-	8	-	173	-	5	69	144	73		
OTHER HEALTH DIAGNOSING PRACTITIONERS	205	59	6	6	-	-	140	-	-	37	61	107		
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	471	271	145	10	57	78	55	-	7	30	213	211		
REGISTERED NURSES	99	54	45	-	31	14	-	-	-	-	28	65		
PHARMACISTS	133	96	-	-	-	-	37	-	-	18	83	32		
THERAPISTS	155	98	39	4	26	9	18	-	7	12	85	51		
TEACHERS, LIBRARIANS, AND COUNSELORS	3 679	704	2 886	46	519	2 321	89	-	117	426	1 995	1 086		
TEACHERS, POSTSECONDARY	664	185	479	-	164	315	-	-	31	125	263	230		
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	1 353	165	1 188	-	174	1 014	-	-	27	120	816	373		
TEACHERS, SECONDARY	1 081	165	916	-	109	807	-	-	6	92	625	345		
SOCIAL SCIENTISTS AND URBAN PLANNERS	419	216	151	24	52	75	52	-	6	18	240	155		
SOCIAL AND RECREATION WORKERS	423	93	324	18	77	229	6	-	48	311	64			
RELIGIOUS WORKERS	522	432	16	-	9	7	74	-	26	17	113	359		
LAWYERS AND JUDGES	616	222	169	25	7	137	225	-	14	31	247	314		
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	2 218	1 515	201	136	-	65	502	-	177	238	1 006	754		
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	26 845	20 345	3 725	2 638	243	844	2 718	57	797	2 775	13 284	9 575		
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	5 747	4 234	1 390	1 021	90	279	123	-	124	412	3 427	1 678		
HEALTH TECHNOLOGISTS AND TECHNICIANS	402	282	110	12	25	73	10	-	4	22	237	139		
LICENSED PRACTICAL NURSES	14	14	-	-	-	-	-	-	-	-	14	-		
ENGINEERING AND SCIENCE TECHNICIANS	2 934	2 039	841	692	29	120	54	-	49	150	1 813	857		
ELECTRICAL AND ELECTRONIC TECHNICIANS	1 498	931	547	536	6	5	20	-	17	59	918	466		
DRAFTING AND SURVEYING TECHNICIANS	581	487	79	12	11	56	15	-	-	51	336	188		
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	2 411	1 913	439	317	36	86	59	-	71	240	1 377	682		
AIRPLANE PILOTS AND NAVIGATORS	714	678	28	-	-	28	8	-	66	146	293	182		
COMPUTER PROGRAMMERS	655	517	99	78	7	14	39	-	-	49	437	169		
SALES OCCUPATIONS	13 382	10 756	133	71	17	45	2 451	42	416	1 673	5 282	5 845		
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	2 686	1 833	11	7	-	4	827	15	40	125	806	1 684		
SELF-EMPLOYED	842	-	-	-	-	-	827	15	20	70	212	516		
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	3 573	2 583	58	13	13	32	932	-	60	359	1 494	1 623		
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	2 396	2 131	-	-	-	-	265	-	8	138	1 125	1 111		
SALES WORKERS, RETAIL AND PERSONAL SERVICES	4 727	4 209	64	51	4	9	427	27	308	1 051	1 857	1 427		
CASHIERS	778	737	21	12	4	5	15	5	67	278	318	102		
SALES RELATED OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-		

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

OXNARD-SIMI VALLEY-
VENTURA, CA SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS					
		TOTAL	FEDERAL	STATE			15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS			
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	7 716	5 355	2 202	1 546	136	520	144	15	257	690	4 575	2 052
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 283	814	463	301	42	120	6	-	18	39	748	448
COMPUTER EQUIPMENT OPERATORS	266	192	68	58	10	-	6	-	-	15	153	98
SECRETARIES, STENOGRAPHERS, AND TYPISTS	145	101	30	17	8	5	14	-	27	-	86	24
SECRETARIES	76	76	-	-	-	-	-	-	13	-	45	18
RECEPTIONISTS	54	21	33	7	-	26	-	-	14	8	32	20
FILE CLERKS	131	84	47	22	-	25	-	-	-	15	92	20
FINANCIAL RECORDS PROCESSING OCCUPATIONS	432	288	84	66	10	8	54	6	20	110	198	100
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	372	257	61	47	6	8	48	6	20	99	168	81
TELEPHONE OPERATORS	102	88	14	6	-	8	-	-	1	7	75	19
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	940	142	784	767	-	17	14	-	26	48	541	319
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	1 530	1 340	183	119	7	57	7	-	52	180	923	335
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	239	228	-	-	-	-	11	-	-	-	178	55
BANK TELLERS	68	63	5	-	-	5	-	-	-	12	37	19
DATA-ENTRY KEYERS	43	38	5	-	-	5	-	-	6	-	27	10
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	2 483	1 956	486	183	59	244	32	9	93	256	1 485	605
SERVICE OCCUPATIONS	12 993	7 345	5 121	645	855	3 621	480	47	902	2 548	5 451	3 745
PRIVATE HOUSEHOLD OCCUPATIONS	94	94	-	-	-	-	-	-	22	-	33	39
PROTECTIVE SERVICE OCCUPATIONS	4 486	875	3 605	453	297	2 855	6	-	57	339	1 793	2 202
FIREFIGHTING OCCUPATIONS	971	14	957	109	28	820	-	-	-	6	105	831
POLICE AND DETECTIVES, PUBLIC SERVICE	1 413	-	1 413	159	200	1 054	-	-	6	45	737	612
GUARDS	1 103	781	316	138	25	153	6	-	41	242	475	314
OTHER PROTECTIVE SERVICE OCCUPATIONS	999	80	919	47	44	828	-	-	10	46	476	445
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	8 413	6 376	1 516	192	558	766	474	47	823	2 209	3 625	1 504
FOOD PREPARATION AND SERVICE OCCUPATIONS	3 759	3 537	115	43	46	26	82	25	362	1 431	1 300	577
WAITERS AND FOOD COUNTER WORKERS	437	417	14	-	8	6	6	-	54	218	121	37
COOKS	1 692	1 598	57	33	16	8	37	-	148	610	585	291
HEALTH SERVICE OCCUPATIONS	474	211	259	25	227	7	4	-	11	36	297	122
NURSING AIDS, ORDERLIES, AND ATTENDANTS	381	125	252	25	220	7	4	-	5	8	254	106
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	3 358	2 125	1 002	93	255	654	209	22	349	572	1 775	553
PERSONAL SERVICE OCCUPATIONS	822	503	140	31	30	79	179	-	101	170	1 253	252
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	393	211	22	9	13	-	160	-	15	49	156	160
FARMING, FORESTRY, AND FISHING OCCUPATIONS	10 885	8 988	611	108	94	409	1 156	130	459	1 603	4 604	3 778
FARM OPERATORS AND MANAGERS	1 104	485	-	-	-	619	-	-	48	152	256	624
FARM OCCUPATIONS, EXCEPT MANAGERIAL RELATED AGRICULTURAL OCCUPATIONS	7 469	7 281	74	22	7	45	6	108	174	1 116	3 263	2 588
FORESTRY AND FISHING OCCUPATIONS	2 122	1 126	517	74	79	364	474	5	237	285	1 003	508
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	28 195	23 111	1 878	924	241	713	3 154	52	484	2 318	15 924	8 492
MECHANICS AND REPAIRERS	8 706	7 024	923	556	73	294	737	22	118	506	5 014	2 899
AUTOMOBILE MECHANICS, INCLUDING BODY	2 746	2 215	139	79	18	42	380	12	56	190	1 482	964
AIRCRAFT MECHANICS	436	331	92	86	-	6	13	-	-	7	343	86
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	313	256	34	11	-	23	23	-	-	17	194	85
OTHER MECHANICS AND REPAIRERS	5 211	4 222	658	380	55	223	321	10	62	292	2 995	1 764
CONSTRUCTION TRADES	11 434	8 857	560	209	117	234	2 000	17	302	1 381	6 846	2 447
CARPENTERS	2 832	2 331	121	56	26	39	368	12	68	399	1 778	479
ELECTRICIANS	980	802	80	38	14	28	98	-	13	72	595	283
PAINTERS, CONSTRUCTION AND MAINTENANCE	1 002	585	95	51	6	38	322	-	58	122	548	183
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	1 153	932	89	39	12	38	132	-	10	189	694	223
OTHER CONSTRUCTION TRADES	5 467	4 207	175	25	59	91	1 080	5	153	599	3 231	1 279
EXTRACTIVE OCCUPATIONS	868	868	-	-	-	-	-	-	15	15	388	414
PRECISION PRODUCTION OCCUPATIONS	7 187	6 362	395	159	51	185	417	13	49	416	3 676	2 732
SUPERVISORS, PRODUCTION OCCUPATIONS	2 764	2 580	134	35	16	83	50	-	-	80	1 366	1 198
MANUFACTURING	1 923	1 896	17	12	-	5	10	-	-	39	1 004	807
PRECISION METALWORKING OCCUPATIONS	1 909	1 778	68	48	7	13	63	-	5	141	881	773
TOOL AND DIE MAKERS	193	193	-	-	-	-	-	-	-	14	66	85
MACHINISTS	1 287	1 198	38	26	7	5	51	-	5	108	544	563
SHEET METAL WORKERS	246	227	19	11	-	8	-	-	-	10	202	20
OTHER PRECISION METAL WORKERS	183	160	11	11	-	-	12	-	-	9	69	105
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	281	158	17	-	-	17	100	6	-	29	144	94
PLANT AND SYSTEM OPERATORS	532	429	87	11	10	66	16	-	-	18	356	126
OTHER PRECISION PRODUCTION OCCUPATIONS	1 701	1 417	89	65	18	6	188	7	44	148	929	541

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B.

OXNARD-SIMI VALLEY-
VENTURA, CA SMSA

	EMPLOYED PERSONS						PERSONS AT WORK				
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				41+ HOURS
		TOTAL	FEDERAL	STATE			15 TO 34 HOURS	35 TO 40 HOURS	40+ HOURS	40+ HOURS	
TOTAL											
OPERATORS, FABRICATORS, AND LABORERS	22 010	19 582	1 490	571	279	640	878	60	660	3 093	11 043
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	8 236	7 478	361	175	60	126	365	32	158	794	4 685
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	4 751	4 284	215	99	35	81	228	24	108	401	2 618
METALWORKING AND PLASTIC WORKING	643	622	7	-	7	14	-	25	28	335	242
PRINTING MACHINE OPERATORS	450	395	20	14	6	-	35	-	-	18	335
TEXTILE, APPAREL, AND FURNISHINGS	263	171	9	-	9	-	75	8	5	38	149
MACHINE OPERATORS	32	25	-	-	-	-	7	-	5	-	14
TEXTILE SEWING MACHINE OPERATORS	30	16	3	-	3	-	11	-	-	14	13
LAUNDERING AND DRYCLEANING	173	117	6	-	6	-	50	-	24	99	50
MACHINE OPERATORS	1 771	1 607	100	41	20	39	48	16	18	144	990
MISCELLANEOUS AND NOT SPECIFIED	1 624	1 489	79	44	-	35	56	-	60	173	809
OCCUPATION:											
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	561	524	25	20	-	5	12	-	-	89	287
MACHINE OPERATORS, NOT SPECIFIED	1 063	965	54	24	-	30	44	-	60	84	522
INDUSTRY:											
MANUFACTURING	1 088	1 049	10	-	-	10	29	-	28	84	554
NONDURABLE GOODS	336	326	-	-	-	-	10	-	19	49	86
FOOD AND KINDRED PRODUCTS	37	37	-	-	-	-	-	-	12	11	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	-	-	-	-	-	-	-	-	-	-	-
PAPER AND ALLIED PRODUCTS	117	117	-	-	-	-	-	-	-	10	35
OTHER NONDURABLE GOODS	182	172	-	-	-	-	-	-	7	28	51
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	752	723	10	-	-	10	19	-	9	35	468
METAL INDUSTRIES	121	121	-	-	-	-	-	-	-	5	77
MACHINERY, INCLUDING ELECTRICAL	282	260	10	-	-	10	12	-	-	10	162
TRANSPORTATION EQUIPMENT	195	188	-	-	-	-	7	-	-	-	134
OTHER DURABLE GOODS	154	154	-	-	-	-	-	-	9	20	95
NONMANUFACTURING INDUSTRIES	536	440	69	44	-	25	27	-	32	89	255
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	37	31	6	6	-	-	-	-	-	-	12
WHOLESALE AND RETAIL TRADE	186	186	-	-	-	-	-	-	9	57	68
ALL OTHER INDUSTRIES	313	223	63	38	-	25	27	-	23	32	162
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	2 541	2 322	92	52	14	26	127	-	44	342	1 491
WELDERS AND CUTTERS	1 134	1 006	49	24	9	16	79	-	27	84	657
ASSEMBLERS	1 236	1 174	43	28	5	10	19	-	17	193	780
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	171	142	-	-	-	-	29	-	-	65	54
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	944	872	54	24	11	19	10	8	6	51	576
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	6 776	5 860	546	166	121	259	356	14	161	584	3 073
MOTOR VEHICLE OPERATORS	4 551	3 918	348	84	76	188	277	8	113	429	1 954
TRUCK DRIVERS AND DRIVER-SALES WORKERS	4 158	3 668	216	84	54	78	266	8	106	380	1 743
BUS DRIVERS	266	140	126	-	22	104	-	-	-	43	119
RAIL AND WATER TRANSPORTATION OCCUPATIONS	282	241	18	18	-	-	23	-	7	8	161
MATERIAL MOVING EQUIPMENT OPERATORS	1 943	1 701	180	64	45	71	56	6	41	147	1 027
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	171	140	12	-	6	6	19	-	14	19	124
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	6 998	6 244	583	230	98	255	157	14	341	1 715	3 285
CONSTRUCTION LABORERS	1 975	1 809	166	55	22	89	-	-	71	272	1 164
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 981	1 817	124	53	12	59	40	-	128	738	713
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	653	616	16	10	-	6	21	-	33	271	218
HAND PACKERS AND PACKAGERS	330	281	42	14	6	22	7	-	44	166	85
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	687	666	8	-	8	13	1	-	25	159	323
LABORERS, EXCEPT CONSTRUCTION	1 372	1 055	227	98	58	71	76	14	84	231	118
MANUFACTURING	326	319	-	-	-	-	-	-	7	-	280
NONDURABLE GOODS	79	79	-	-	-	-	-	-	7	63	203
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	247	240	-	-	-	-	-	-	7	61	42
METAL INDUSTRIES	42	42	-	-	-	-	-	-	56	142	36
NONMANUFACTURING INDUSTRIES	1 046	736	227	98	58	71	76	7	84	168	498
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	105	83	22	4	-	18	-	-	6	6	30
WHOLESALE AND RETAIL TRADE	395	374	9	9	-	-	12	-	19	80	197
ALL OTHER INDUSTRIES	546	279	196	85	58	53	64	7	59	82	238

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B]

OXNARD-SIMI VALLEY-VENTURA, CA SMSA

OXNARD-SIMI VALLEY-VENTURA, CA SMSA	EMPLOYED PERSONS									PERSONS AT WORK			
	PRIV. WAGE AND SALARY TOTAL	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				15 TO 34 HOURS		
		TOTAL	FEDERAL	STATE			LOCAL	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL													
FEMALES 16 YEARS AND OVER	96 410	71 280	19 448	3 567	3 863	12 018	4 759	923	6 548	24 656	49 331	12 407	
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	20 789	11 463	7 616	807	1 428	5 381	1 516	194	1 272	3 945	11 291	3 634	
EXECUTIVE, ADMINISTRATIVE, AND OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	8 521	6 272	1 379	462	236	681	735	135	238	1 056	5 263	1 766	
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	166	-	166	72	18	76	-	-	-	21	92	53	
MANAGERS, MEDICINE AND HEALTH	256	80	143	-	35	108	33	-	-	46	163	36	
OTHER SPECIFIED MANAGERS	1 156	1 025	76	35	18	23	55	-	43	98	717	280	
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	3 566	3 210	356	90	44	222	-	-	81	461	2 147	778	
MANUFACTURING	431	431	-	-	-	-	-	-	6	31	229	145	
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	210	210	-	-	-	-	-	-	-	16	123	56	
WHOLESALE AND RETAIL TRADE	1 007	999	8	8	-	-	-	-	29	128	589	243	
ALL OTHER INDUSTRIES	1 918	1 570	348	82	44	222	-	-	46	286	1 206	334	
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	611	-	-	-	-	-	491	120	57	116	172	240	
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	
MANUFACTURING	49	-	-	-	-	-	37	12	12	28	9		
WHOLESALE AND RETAIL TRADE	309	-	-	-	-	-	269	40	38	59	50	162	
ALL OTHER INDUSTRIES	253	-	-	-	-	-	185	68	19	45	94	69	
MANAGEMENT RELATED OCCUPATIONS	2 600	1 867	588	259	108	221	130	15	56	302	1 881	317	
ACCOUNTANTS AND AUDITORS	851	552	237	143	13	81	62	-	11	95	802	777	
BUYERS AND PURCHASING AGENTS	314	276	31	13	12	6	-	7	15	47	204	43	
PROFESSIONAL SPECIALTY OCCUPATIONS	12 268	5 191	6 237	345	1 192	4 700	781	59	1 034	2 889	6 028	1 868	
ENGINEERS, ARCHITECTS, AND SURVEYORS	292	216	51	35	9	7	25	-	7	12	205	57	
ARCHITECTS	32	14	-	-	-	-	18	-	-	7	12	7	
ENGINEERS	253	202	51	35	9	7	-	-	7	5	193	43	
ELECTRICAL AND ELECTRONIC ENGINEERS	33	25	8	8	-	-	-	-	-	-	22	11	
MECHANICAL ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-	
OTHER ENGINEERS	220	177	43	27	9	7	-	-	7	5	171	32	
SURVEYORS AND MAPPING SCIENTISTS	7	-	-	-	-	-	7	-	-	-	-	7	
MATHEMATICAL AND COMPUTER SCIENTISTS	222	140	73	64	9	-	9	-	4	29	148	32	
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	142	99	34	34	-	-	9	-	4	23	89	26	
NATURAL SCIENTISTS	140	113	21	8	-	13	6	-	-	21	113	6	
HEALTH DIAGNOSING OCCUPATIONS	177	94	22	-	9	13	61	-	6	54	58	51	
PHYSICIANS	109	46	22	-	9	13	41	-	-	37	32	32	
DENTISTS	37	37	-	-	-	-	-	-	-	17	20	-	
OTHER HEALTH DIAGNOSING PRACTITIONERS	31	11	-	-	-	-	20	-	6	-	6	19	
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	2 983	2 044	811	59	261	491	91	37	137	836	1 481	416	
REGISTERED NURSES	2 446	1 789	571	40	198	333	49	37	111	725	1 198	321	
PHARMACISTS	26	21	5	-	5	-	-	-	-	-	8	18	
THERAPISTS	373	182	185	19	49	117	6	-	-	72	237	51	
TEACHERS, LIBRARIANS, AND COUNSELORS	6 254	1 520	4 509	40	778	3 691	223	-	691	1 404	3 009	904	
TEACHERS, POSTSECONDARY	369	75	294	-	125	169	-	-	67	123	111	53	
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	3 838	966	2 863	19	459	2 385	9	-	308	854	1 989	526	
TEACHERS, SECONDARY	1 047	133	914	7	87	820	-	-	83	172	538	228	
SOCIAL SCIENTISTS AND URBAN PLANNERS	163	43	114	11	12	91	6	-	-	26	84	30	
SOCIAL AND RECREATION WORKERS	612	149	463	49	106	308	-	-	31	104	389	81	
RELIGIOUS WORKERS	82	56	-	-	-	-	26	-	18	5	14	45	
LAWYERS AND JUDGES	111	54	44	6	-	38	13	-	-	30	61	20	
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 232	762	129	73	8	48	319	22	140	368	466	226	
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	44 229	34 462	7 401	2 311	1 185	3 905	1 814	552	2 680	11 152	24 116	4 981	
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	2 506	1 922	553	165	130	258	19	12	63	518	1 442	385	
HEALTH TECHNOLOGISTS AND TECHNICIANS	1 432	1 114	289	34	112	143	7	12	44	355	805	175	
LICENSED PRACTICAL NURSES	748	599	130	14	49	67	7	12	13	205	455	58	
ENGINEERING AND SCIENCE TECHNICIANS	575	463	107	46	4	57	5	-	12	119	296	126	
ELECTRICAL AND ELECTRONIC TECHNICIANS	143	114	29	22	-	7	-	-	-	16	93	30	
DRAFTING AND SURVEYING TECHNICIANS	183	153	25	9	4	12	5	-	12	54	85	20	
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	509	345	157	85	14	58	7	-	7	44	341	84	
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-	
COMPUTER PROGRAMMERS	195	120	75	69	-	6	-	-	-	20	125	34	
SALES OCCUPATIONS	12 233	10 684	179	75	33	71	1 272	98	1 213	4 745	4 438	1 388	
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 145	754	5	5	-	-	378	8	58	186	563	297	
SELF-EMPLOYED	386	-	-	-	-	-	378	8	27	104	117	116	
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	2 596	2 140	-	-	-	-	436	20	214	566	1 155	540	
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	460	391	5	-	-	5	64	-	31	110	237	82	
SALES WORKERS, RETAIL AND PERSONAL SERVICES	7 995	7 362	169	70	33	66	394	70	903	3 858	2 478	469	
CASHIERS	3 164	2 999	128	49	20	59	15	22	213	1 625	995	181	
SALES RELATED OCCUPATIONS	37	37	-	-	-	-	-	-	7	25	-	-	

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B1.

OXNARD-SIMI VALLEY-
VENTURA, CA SMSA

	PRIV. WAGE AND SALARY TOTAL WORKERS	EMPLOYED PERSONS						PERSONS AT WORK				
		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS		15 TO 34 HOURS		35 TO 40 HOURS	
		TOTAL	FEDERAL	STATE			LOCAL					
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	29 490	21 856	6 669	2 071	1 022	3 576	523	442	1 404	5 889	18 236	3 208
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 353	1 055	262	81	43	138	12	24	5	77	941	264
COMPUTER EQUIPMENT OPERATORS	455	307	148	82	17	49	-	-	13	39	316	81
SECRETARIES, STENOGRAPHERS, AND TYPISTS	9 388	6 441	2 539	605	404	1 530	262	146	475	1 761	6 126	861
SECRETARIES	7 548	5 511	1 766	379	270	1 117	130	141	307	1 300	5 024	769
RECEPTIONISTS	1 187	1 005	150	33	40	77	7	25	47	347	644	98
FILE CLERKS	496	339	145	72	22	51	-	12	50	141	229	63
FINANCIAL RECORDS PROCESSING OCCUPATIONS	4 565	3 714	557	210	41	306	167	127	235	1 000	2 715	541
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	4 056	3 290	472	163	41	268	167	127	219	938	2 376	462
TELEPHONE OPERATORS	922	844	70	-	14	56	-	8	22	142	631	68
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	530	157	373	337	-	36	-	-	23	88	302	95
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	922	730	175	144	-	31	11	6	34	148	613	108
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	225	218	7	-	7	-	-	-	12	25	161	20
BANK TELLERS	1 317	1 256	55	35	14	6	6	-	20	358	753	146
DATA-ENTRY KEYERS	618	505	113	45	37	31	-	-	21	60	431	91
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	7 512	5 285	2 075	427	383	1 265	58	94	447	1 703	4 374	772
SERVICE OCCUPATIONS	16 032	11 353	3 755	285	1 128	2 342	843	81	2 041	6 609	5 463	1 225
PRIVATE HOUSEHOLD OCCUPATIONS	958	958	-	-	-	-	-	-	289	296	254	67
PROTECTIVE SERVICE OCCUPATIONS	433	132	301	16	-	285	-	-	38	106	231	50
FIREFIGHTING OCCUPATIONS	8	-	8	8	-	-	-	-	-	-	-	8
POLICE AND DETECTIVES, PUBLIC SERVICE	70	-	70	-	-	70	-	-	-	5	62	3
GUARDS	266	127	139	8	-	131	-	-	38	89	97	34
OTHER PROTECTIVE SERVICE OCCUPATIONS	89	5	84	-	-	84	-	-	-	12	72	5
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	14 641	10 263	3 454	269	1 128	2 057	843	81	1 714	6 207	4 978	1 108
FOOD PREPARATION AND SERVICE OCCUPATIONS	5 664	4 796	763	99	162	502	58	47	680	2 857	1 525	366
WAITERS AND FOOD COUNTER WORKERS	3 070	3 009	37	11	-	26	8	16	342	1 737	705	183
COOKS	1 238	899	278	41	44	193	42	19	135	520	389	122
HEALTH SERVICE OCCUPATIONS	3 169	2 395	725	42	505	178	38	11	118	886	1 623	322
NURSING AIDES, ORDERLIES, AND ATTENDANTS	2 056	1 366	652	27	485	140	38	-	83	501	1 019	243
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	1 332	987	259	41	64	154	78	8	257	353	628	55
PERSONAL SERVICE OCCUPATIONS	4 476	2 085	1 707	87	397	1 223	669	15	659	2 111	1 202	365
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	1 433	1 074	13	5	8	-	337	9	104	542	662	107
FARMING, FORESTRY, AND FISHING OCCUPATIONS	3 372	2 933	146	26	27	93	234	59	100	869	1 596	622
FARM OPERATORS AND MANAGERS	191	27	-	-	-	-	164	-	11	90	66	42
FARM OCCUPATIONS, EXCEPT MANAGERIAL	2 652	2 358	46	-	-	46	48	-	70	637	1 141	458
RELATED AGRICULTURAL OCCUPATIONS	711	548	87	13	27	47	70	6	19	172	381	122
FORESTRY AND FISHING OCCUPATIONS	18	-	13	13	-	-	5	-	10	10	-	8
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	3 044	2 754	98	38	27	33	181	11	86	384	1 873	531
MECHANICS AND REPAIRERS	356	319	26	20	6	11	11	6	11	262	50	50
AUTOMOBILE MECHANICS, INCLUDING BODY	35	18	6	-	6	-	11	-	-	5	24	-
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	321	301	20	20	-	-	-	-	6	6	238	50
CONSTRUCTION TRADES	157	128	-	-	-	-	29	-	6	37	91	12
CARPENTERS	31	31	-	-	-	-	-	-	-	7	24	-
ELECTRICIANS	-	-	-	-	-	-	-	-	-	-	-	-
PAINTERS, CONSTRUCTION AND MAINTENANCE	56	38	-	-	-	-	18	-	6	19	15	5
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER CONSTRUCTION TRADES	70	59	-	-	-	-	11	-	-	11	52	7
EXTRACTIVE OCCUPATIONS	24	24	-	-	-	-	-	-	8	-	10	6
PRECISION PRODUCTION OCCUPATIONS	2 507	2 283	72	18	21	33	141	11	66	356	1 510	463
SUPERVISORS, PRODUCTION OCCUPATIONS	690	666	5	-	-	5	13	6	-	76	421	176
MANUFACTURING	470	444	-	-	-	-	-	-	-	53	266	139
PRECISION METALWORKING OCCUPATIONS	149	149	-	-	-	-	-	-	-	13	102	27
TOOL AND DIE MAKERS	14	14	-	-	-	-	-	-	-	-	14	-
MACHINISTS	95	95	-	-	-	-	-	-	-	7	61	27
SHEET METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION METAL WORKERS	40	40	-	-	-	-	-	-	-	6	27	-
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	327	229	-	-	-	-	98	-	20	110	160	26
PLANT AND SYSTEM OPERATORS	38	32	6	-	-	6	-	-	-	-	32	6
OTHER PRECISION PRODUCTION OCCUPATIONS	1 303	1 207	61	18	21	22	30	5	46	137	795	228

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B.]

OXNARD-SIMI VALLEY-
VENTURA, CA SMSA

	EMPLOYED PERSONS							PERSONS AT WORK				
	PRIV. WAGE TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS					
		TOTAL	FEDERAL	STATE			15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS			
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	8 944	8 315	432	100	68	264	171	26	369	1 697	4 992	1 414
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	6 508	6 153	200	65	38	97	141	14	243	896	3 949	1 089
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	2 645	2 406	139	49	24	66	86	14	108	474	1 590	318
METALWORKING AND PLASTIC WORKING												
MACHINE OPERATORS	107	107	-	-	-	-	-	-	10	5	75	12
PRINTING MACHINE OPERATORS	237	190	23	18	-	5	24	-	7	24	148	42
TEXTILE, APPAREL, AND FURNISHINGS												
MACHINE OPERATORS	822	743	32	6	-	26	47	-	20	184	523	61
TEXTILE MACHINE OPERATORS	23	17	6	6	-	-	-	-	-	10	13	-
TEXTILE SEWING MACHINE OPERATORS	551	496	8	-	-	8	47	-	20	104	358	48
LAUNDERING AND DRYCLEANING												
MACHINE OPERATORS	147	139	8	-	-	8	-	-	-	41	93	13
OTHER SPECIFIED MACHINE OPERATORS	637	602	31	25	-	6	4	-	45	150	316	91
MISCELLANEOUS AND NOT SPECIFIED												
MACHINE OPERATORS	842	764	53	-	24	29	11	14	26	111	528	112
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	308	260	28	-	17	11	6	14	11	39	189	36
MACHINE OPERATORS, NOT SPECIFIED	534	504	25	-	7	18	5	-	15	72	339	76
INDUSTRY:												
MANUFACTURING	693	662	26	-	17	9	5	-	26	64	456	87
NONDURABLE GOODS	260	253	7	-	7	-	-	-	21	17	162	33
FOOD AND KINDRED PRODUCTS	42	35	7	-	7	-	-	-	10	-	32	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	19	19	-	-	-	-	-	-	-	7	12	-
PAPER AND ALLIED PRODUCTS	74	74	-	-	-	-	-	-	-	3	4	16
OTHER NONDURABLE GOODS	125	125	-	-	-	-	-	-	-	8	6	79
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	433	409	19	-	10	9	5	-	5	47	294	54
METAL INDUSTRIES	58	58	-	-	-	-	-	-	-	13	45	-
MACHINERY, INCLUDING ELECTRICAL	168	149	19	-	10	9	-	-	-	21	108	21
TRANSPORTATION EQUIPMENT	75	75	-	-	-	-	-	-	-	5	50	20
OTHER DURABLE GOODS	132	127	-	-	-	-	-	-	-	13	91	13
NONMANUFACTURING INDUSTRIES	149	102	27	-	7	20	6	14	-	47	72	25
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	4	4	-	-	-	-	-	-	-	-	4	-
WHOLESALE AND RETAIL TRADE	104	75	9	-	-	9	6	14	-	34	50	15
ALL OTHER INDUSTRIES	41	23	18	-	7	11	-	-	-	13	18	10
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	2 484	2 393	44	16	14	14	47	-	104	260	1 520	493
WELDERS AND CUTTERS	57	52	5	5	-	-	-	-	-	-	35	9
ASSEMBLERS	2 341	2 268	39	11	14	14	34	-	104	227	1 467	455
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	86	73	-	-	-	-	13	-	-	33	18	29
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 379	1 354	17	-	-	17	8	-	31	162	839	278
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	543	365	153	4	30	119	25	-	6	167	213	128
MOTOR VEHICLE OPERATORS	449	271	153	4	30	119	25	-	6	167	148	107
TRUCK DRIVERS AND DRIVER-SALES WORKERS	162	120	17	4	-	13	25	-	-	47	40	61
BUS DRIVERS	239	135	104	-	13	91	-	-	6	105	96	25
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	94	94	-	-	-	-	-	-	-	-	65	21
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 893	1 797	79	31	-	48	5	12	120	634	830	197
CONSTRUCTION LABORERS	51	37	14	-	-	14	-	-	-	5	46	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	516	511	5	5	-	-	-	-	33	328	110	22
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	71	56	15	15	-	-	-	-	5	13	37	16
HAND PACKERS AND PACKAGERS	781	752	17	5	-	12	-	12	44	205	385	90
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	62	62	-	-	-	-	-	-	11	6	25	20
LABORERS, EXCEPT CONSTRUCTION	412	379	28	6	-	22	5	-	27	77	227	49
MANUFACTURING	155	155	-	-	-	-	-	-	8	12	86	25
NONDURABLE GOODS	86	86	-	-	-	-	-	-	8	5	46	17
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	69	69	-	-	-	-	-	-	-	7	40	8
METAL INDUSTRIES	9	9	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING INDUSTRIES	257	224	28	6	-	22	5	-	19	65	141	24
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	21	7	14	-	-	14	-	-	-	-	21	-
WHOLESALE AND RETAIL TRADE	155	155	-	-	-	-	-	-	12	31	88	16
ALL OTHER INDUSTRIES	81	62	14	6	-	8	5	-	7	34	32	8

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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OXNARD-SIMI VALLEY-VENTURA, CA SMSA

	SPANISH ORIGIN	EMPLOYED PERSONS						PERSONS AT WORK								
		PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS			15 TO 34 HOURS			35 TO 40 HOURS		
			TOTAL	FEDERAL	STATE			LOCAL								
MALES 16 YEARS AND OVER		27 570	23 016	3 255	1 141	579	1 535	1 174	125	753	3 469	14 730	7 540			
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS		2 694	1 566	896	311	161	424	228	4	54	188	1 552	865			
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS		1 527	1 028	361	183	55	123	134	4	6	83	831	583			
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION		55	-	55	40	-	15	-	-	-	-	55	-			
MANAGEMENT RELATED OCCUPATIONS		359	219	115	25	34	56	21	4	-	17	238	104			
PROFESSIONAL SPECIALTY OCCUPATIONS		1 167	538	535	128	106	301	94	-	48	105	721	282			
ENGINEERS AND NATURAL SCIENTISTS		388	252	118	105	5	8	18	-	-	4	284	100			
ENGINEERS		324	218	106	93	5	8	-	-	-	4	242	78			
HEALTH DIAGNOSING OCCUPATIONS		48	10	17	-	-	17	21	-	-	4	17	27			
HEALTH ASSESSMENT AND TREATING OCCUPATIONS		23	18	5	-	5	-	-	-	-	-	10	7			
TEACHERS, LIBRARIANS, AND COUNSELORS		356	56	295	11	76	208	5	-	19	48	227	57			
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS		225	27	198	-	42	156	-	-	12	7	149	57			
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS		2 791	2 065	520	280	53	187	201	5	59	442	1 382	867			
HEALTH TECHNOLOGISTS AND TECHNICIANS		29	23	6	-	-	6	-	-	-	-	15	14			
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH		365	233	132	80	13	39	-	-	4	22	258	72			
SALES OCCUPATIONS		1 258	1 021	31	22	-	9	201	5	20	261	430	537			
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS		344	227	-	-	-	-	117	-	8	14	89	233			
SALES REPRESENTATIVES, COMMODITIES AND FINANCE		333	289	-	-	-	-	44	-	-	51	134	148			
OTHER SALES OCCUPATIONS		581	505	31	22	-	9	40	5	12	196	207	156			
CASHIERS		125	115	5	-	-	5	-	5	8	50	67	-			
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL		1 139	788	351	178	40	133	-	-	35	159	679	244			
COMPUTER EQUIPMENT OPERATORS		46	30	16	6	10	-	-	-	10	24	12	12			
SECRETARIES, STENOGRAPHERS, AND TYPISTS		13	5	8	8	-	-	-	-	-	-	13	-			
FINANCIAL RECORDS PROCESSING OCCUPATIONS		43	16	27	15	4	8	-	-	8	12	19	4			
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS		123	23	100	95	-	5	-	-	-	-	99	24			
SERVICE OCCUPATIONS		2 825	1 981	731	83	215	433	107	6	203	384	1 479	692			
PRIVATE HOUSEHOLD OCCUPATIONS		58	58	-	-	-	-	-	-	12	26	20	-			
PROTECTIVE SERVICE OCCUPATIONS		408	80	328	55	12	261	-	-	8	32	212	152			
POLICE AND FIREFIGHTERS		186	-	186	24	12	150	-	-	-	6	73	107			
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD		2 359	1 843	403	28	203	172	107	6	183	352	1 241	520			
FOOD SERVICE OCCUPATIONS		970	939	18	-	18	13	-	67	173	497	214	-			
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD		1 069	768	239	5	100	134	56	6	74	139	594	226			
FARMING, FORESTRY, AND FISHING OCCUPATIONS		7 859	7 361	231	56	19	156	190	77	141	1 170	3 703	2 477			
FARM OPERATORS AND MANAGERS		214	118	-	-	-	-	96	-	9	17	56	126	-		
FARM WORKERS AND RELATED OCCUPATIONS		7 606	7 217	223	56	11	156	94	72	132	1 133	3 628	2 351			
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS		4 556	3 841	371	210	46	115	332	12	139	399	2 789	963			
MECHANICS AND REPAIRERS		1 262	1 043	158	85	21	52	61	-	18	65	841	318			
CONSTRUCTION TRADES		2 010	1 664	137	95	6	36	203	6	101	220	1 277	302			
PRECISION PRODUCTION OCCUPATIONS		1 203	1 053	76	30	19	27	68	6	10	114	636	327			
OPERATORS, FABRICATORS, AND LABORERS		6 845	6 202	506	201	85	220	116	21	157	886	3 825	1 676			
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION		1 622	1 568	33	18	10	5	21	-	42	204	932	424			
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS		1 046	988	46	19	6	21	4	8	8	123	643	238			
TRANSPORTATION OCCUPATIONS		1 210	1 052	99	37	33	29	59	-	13	61	609	500			
MOTOR VEHICLE OPERATORS		1 171	1 019	99	37	33	29	53	-	6	61	595	488			
MATERIAL MOVING EQUIPMENT OPERATORS		583	519	54	28	-	26	4	6	15	38	346	166			
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS		2 384	2 075	274	99	36	139	28	7	79	460	1 295	348			
CONSTRUCTION LABORERS		867	763	104	41	8	55	-	-	12	107	564	105			
FREIGHT, STOCK, AND MATERIAL HANDLERS		514	450	48	18	-	30	16	-	31	189	215	51			

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

OXNARD-SIMI VALLEY-
VENTURA, CA SMSA

	PRIV. WAGE AND SALARY WORKERS	EMPLOYED PERSONS						PERSONS AT WORK						
		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				15 TO 34 HOURS			
		TOTAL	FEDERAL	STATE			1	129	4	353	8	916	2	073
SPANISH ORIGIN														
FEMALES 16 YEARS AND OVER	17 271	13 418	3 267	659	717	1 891	410	176	1	129	4	353	8 916	2 073
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	1 599	815	679	92	188	399	76	29	100	347	937	169		
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	751	501	172	55	64	53	60	18	29	90	523	96		
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	24	-	24	16	8	-	-	-	-	-	16	8		
MANAGEMENT RELATED OCCUPATIONS	283	197	74	30	22	22	12	-	8	43	226	6		
PROFESSIONAL SPECIALTY OCCUPATIONS	848	314	507	37	124	346	16	11	71	257	414	73		
ENGINEERS AND NATURAL SCIENTISTS	14	7	7	-	-	-	-	-	-	-	14	-		
ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-		
HEALTH DIAGNOsing OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-		
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	191	131	43	-	10	33	6	11	-	65	109	17		
TEACHERS, LIBRARIANS, AND COUNSELORS	477	127	350	15	66	269	-	-	61	149	198	44		
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	375	108	267	15	41	211	-	-	34	102	174	44		
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	5 345	3 705	1 419	397	255	767	150	71	370	1 491	2 835	495		
HEALTH TECHNOLOGISTS AND TECHNICIANS	181	140	29	-	13	16	-	12	4	31	128	18		
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	109	79	30	10	4	16	-	-	6	4	53	31		
SALES OCCUPATIONS	1 329	1 162	29	5	11	13	120	18	168	602	394	140		
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	118	80	-	-	-	-	38	-	21	16	60	17		
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	189	162	-	-	-	-	21	6	13	34	74	63		
OTHER SALES OCCUPATIONS	1 022	920	29	5	11	13	61	12	134	552	260	60		
CASHIERS	458	440	18	-	5	13	-	-	65	230	129	18		
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	3 726	2 324	1 331	382	227	722	30	41	192	854	2 260	306		
COMPUTER EQUIPMENT OPERATORS	43	35	8	8	-	-	-	-	8	-	35	-		
SECRETARIES, STENOGRAPHERS, AND TYPISTS	1 048	559	473	137	67	269	16	-	62	192	676	90		
FINANCIAL RECORDS PROCESSING OCCUPATIONS	434	334	74	5	24	45	14	12	14	107	263	44		
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	64	23	41	35	-	6	-	-	5	9	45	5		
SERVICE OCCUPATIONS	3 187	2 078	938	107	235	596	138	33	419	1 083	1 317	209		
PRIVATE HOUSEHOLD OCCUPATIONS	321	321	-	-	-	-	-	-	108	62	132	4		
PROTECTIVE SERVICE OCCUPATIONS	44	25	19	-	-	19	-	-	8	6	30	-		
POLICE AND FIREFIGHTERS	-	-	-	-	-	-	-	-	-	-	-	-		
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	2 822	1 732	919	107	235	577	138	33	303	1 015	1 155	205		
FOOD SERVICE OCCUPATIONS	665	525	115	14	19	82	6	19	102	206	245	87		
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	438	340	81	27	22	32	17	-	28	121	249	16		
FARMING, FORESTRY, AND FISHING OCCUPATIONS	2 788	2 651	79	18	15	46	21	37	76	706	1 325	531		
FARM OPERATORS AND MANAGERS	29	8	-	-	-	-	21	-	-	8	13	8		
FARM WORKERS AND RELATED OCCUPATIONS	2 754	2 643	74	13	15	46	-	37	76	693	1 312	523		
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	749	731	18	18	-	-	-	-	8	124	453	115		
MECHANICS AND REPAIRERS	56	56	-	-	-	-	-	-	-	-	40	16		
CONSTRUCTION TRADES	27	27	-	-	-	-	-	-	-	-	27	-		
PRECISION PRODUCTION OCCUPATIONS	658	640	18	18	-	-	-	-	-	124	386	99		
OPERATORS, FABRICATORS, AND LABORERS	3 603	3 438	134	27	24	83	25	6	156	602	2 049	554		
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	1 058	971	67	16	17	34	20	-	50	174	663	82		
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	1 700	1 651	44	6	7	31	5	-	68	214	991	343		
TRANSPORTATION OCCUPATIONS	27	27	-	-	-	-	-	-	-	11	7	9		
MOTOR VEHICLE OPERATORS	27	27	-	-	-	-	-	-	-	11	7	9		
MATERIAL MOVING EQUIPMENT OPERATORS	33	33	-	-	-	-	-	-	-	-	12	21		
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	785	756	23	5	-	18	-	6	38	203	376	99		
CONSTRUCTION LABORERS	21	7	14	-	-	14	-	-	-	-	21	-		
FREIGHT, STOCK, AND MATERIAL HANDLERS	87	87	-	-	-	-	-	-	6	59	10	5		

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B.]

RIVERSIDE-SAN BERNARDINO-
ONTARIO, CA SMSA

	EMPLOYED PERSONS										PERSONS AT WORK			
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS		15 TO 34 HOURS		35 TO 40 HOURS		41+ HOURS	
		TOTAL	FEDERAL	STATE										
TOTAL														
MALES 16 YEARS AND OVER	357 839	264 819	55 243	14 078	10 903	30 262	36 748	1 029	10 755	38 642	181 090	117 881		
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	76 546	46 671	20 722	3 230	4 857	12 635	9 000	153	1 780	4 795	37 937	30 623		
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	40 863	28 895	6 748	1 712	1 395	3 641	5 126	94	596	1 746	18 990	18 839		
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	1 389	-	1 389	405	276	708	-	-	24	30	927	367		
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	1 459	290	1 151	17	258	876	18	-	-	79	785	589		
MANAGERS, MEDICINE AND HEALTH	405	281	117	30	33	54	7	-	6	11	180	208		
OTHER SPECIFIED MANAGERS	6 383	5 568	340	126	37	177	466	9	71	221	2 798	3 198		
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	19 255	17 694	1 561	329	344	888	-	-	269	739	8 408	9 547		
MANUFACTURING	4 688	4 672	16	-	8	8	-	-	18	91	2 178	2 376		
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	1 795	1 523	272	56	58	158	-	-	20	51	906	779		
WHOLESALE AND RETAIL TRADE	5 112	5 091	21	21	-	-	-	-	95	181	1 716	2 992		
ALL OTHER INDUSTRIES	7 660	6 408	1 252	252	278	722	-	-	136	416	3 608	3 400		
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	3 797	-	-	-	-	-	3 718	79	97	276	1 235	2 102		
CONSTRUCTION	587	-	-	-	-	-	578	9	11	51	280	235		
MANUFACTURING	662	-	-	-	-	-	644	18	10	49	224	374		
WHOLESALE AND RETAIL TRADE	1 073	-	-	-	-	-	1 049	24	32	66	281	653		
ALL OTHER INDUSTRIES	1 475	-	-	-	-	-	1 447	28	44	110	450	840		
MANAGEMENT RELATED OCCUPATIONS	8 175	5 062	2 190	805	447	938	917	6	129	390	4 657	2 828		
ACCOUNTANTS AND AUDITORS	2 381	1 593	419	157	101	161	369	-	34	103	1 203	1 010		
BUYERS AND PURCHASING AGENTS	1 221	989	148	62	27	59	84	-	28	64	726	375		
PROFESSIONAL SPECIALTY OCCUPATIONS	35 683	17 776	13 974	1 518	3 462	8 994	3 874	59	1 184	3 049	18 947	11 784		
ENGINEERS, ARCHITECTS, AND SURVEYORS	7 985	6 206	1 360	560	268	532	419	-	38	315	5 319	2 186		
ARCHITECTS	414	231	25	25	-	-	158	-	8	46	201	159		
ENGINEERS	7 360	5 842	1 270	527	260	483	248	-	23	260	4 984	1 972		
ELECTRICAL AND ELECTRONIC ENGINEERS	1 830	1 568	227	160	15	52	35	-	-	64	1 229	501		
MECHANICAL ENGINEERS	706	645	29	18	7	4	32	-	47	442	197			
OTHER ENGINEERS	4 824	3 629	1 014	349	238	427	181	-	23	149	3 313	1 274		
SURVEYORS AND MAPPING SCIENTISTS	211	133	65	8	8	49	13	-	7	9	134	55		
MATHEMATICAL AND COMPUTER SCIENTISTS	1 008	709	258	120	42	96	29	12	7	68	646	269		
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	615	451	123	34	29	60	29	12	-	53	363	193		
NATURAL SCIENTISTS	1 242	542	670	227	272	171	30	-	27	99	835	259		
HEALTH DIAGNOSING OCCUPATIONS	3 535	1 911	359	122	59	178	1 265	-	66	337	994	2 038		
PHYSICIANS	2 261	1 438	320	111	39	170	503	-	42	95	493	1 564		
DENTISTS	675	220	21	7	14	-	434	-	16	154	336	154		
OTHER HEALTH DIAGNOSING PRACTITIONERS	599	253	18	4	6	8	328	-	8	88	165	320		
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	1 960	1 367	491	117	103	271	90	12	19	141	1 004	761		
REGISTERED NURSES	512	308	197	43	87	67	7	-	35	297	166			
PHARMACISTS	632	503	80	34	11	35	37	12	8	46	269	294		
THERAPISTS	551	426	100	10	5	85	25	-	5	47	336	157		
TEACHERS, LIBRARIANS, AND COUNSELORS	10 547	1 842	8 521	139	2 133	6 249	177	7	583	1 089	5 682	2 953		
TEACHERS, POSTSECONDARY	2 250	640	1 610	16	994	600	177	-	211	360	943	670		
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	4 556	347	4 209	16	610	3 583	-	-	142	349	2 689	1 277		
TEACHERS, SECONDARY	2 126	174	1 952	37	247	1 668	-	-	82	154	1 205	671		
SOCIAL SCIENTISTS AND URBAN PLANNERS	750	309	384	62	79	243	57	-	-	55	520	169		
SOCIAL AND RECREATION WORKERS	1 525	324	1 179	19	340	820	15	7	6	88	997	387		
RELIGIOUS WORKERS	1 965	1 726	12	7	5	-	227	-	83	207	639	1 026		
LAWYERS AND JUDGES	1 448	498	469	47	69	353	481	-	67	120	572	676		
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	3 718	2 342	271	98	92	81	1 084	21	288	530	1 739	1 060		
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	65 107	48 696	8 824	4 855	1 394	2 575	7 439	148	2 006	7 283	31 420	23 028		
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	9 490	7 013	2 077	713	609	755	386	14	254	888	5 483	2 644		
HEALTH TECHNOLOGISTS AND TECHNICIANS	1 455	1 124	317	132	62	123	12	-	12	139	722	538		
LICENSED PRACTICAL NURSES	137	113	24	17	-	7	-	-	20	87	30			
ENGINEERING AND SCIENCE TECHNICIANS	5 007	3 839	964	347	272	345	197	7	124	378	3 041	1 317		
ELECTRICAL AND ELECTRONIC TECHNICIANS	1 528	1 289	223	172	20	31	16	-	14	74	970	441		
DRAFTING AND SURVEYING TECHNICIANS	1 656	1 222	308	55	57	196	126	-	49	159	1 054	352		
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	3 030	2 050	796	234	275	287	177	7	118	371	1 720	789		
AIRPLANE PILOTS AND NAVIGATORS	457	370	41	30	11	-	39	7	72	103	158	107		
COMPUTER PROGRAMMERS	815	573	174	20	30	124	68	-	23	81	507	204		
SALES OCCUPATIONS	35 843	28 699	276	115	41	120	6 774	94	1 225	4 670	14 389	14 769		
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	8 911	6 122	49	35	-	14	2 688	52	160	407	2 694	5 416		
SELF-EMPLOYED	2 740	-	-	-	-	-	2 688	52	61	195	742	1 647		
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	8 897	6 392	88	39	16	33	2 412	5	291	1 148	3 798	3 482		
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	5 646	5 073	8	-	-	8	558	7	101	330	2 963	2 191		
SALES WORKERS, RETAIL AND PERSONAL SERVICES	12 309	11 048	131	41	25	65	1 100	30	661	2 780	4 905	3 646		
CASHIERS	2 387	2 266	60	18	11	51	41	-	113	790	1 056	391		
SALES RELATED OCCUPATIONS	80	64	-	-	-	1	16	-	12	5	29	34		

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

(DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B)

RIVERSIDE-SAN BERNARDINO-
ONTARIO, CA SMSA

	PRIV. WAGE AND SALARY TOTAL WORKERS	EMPLOYED PERSONS						PERSONS AT WORK				
		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS		15 TO 34 HOURS		35 TO 40 HOURS	
		TOTAL	FEDERAL	STATE			LOCAL					
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	19 774	12 984	6 471	4 027	744	1 700	279	40	527	1 725	11 548	5 615
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	3 121	1 899	1 182	496	232	454	40	-	21	56	1 980	1 007
COMPUTER EQUIPMENT OPERATORS	587	423	157	59	11	87	7	-	13	38	370	155
SECRETARIES, STENOGRAPHERS, AND TYPISTS	464	273	157	29	26	102	23	11	28	56	245	114
SECRETARIES	261	191	43	6	-	37	16	11	17	31	130	62
RECEPTIONISTS	102	46	56	23	15	18	-	-	8	28	52	6
FILE CLERKS	231	211	20	8	7	5	-	-	18	44	119	50
FINANCIAL RECORDS PROCESSING OCCUPATIONS	1 200	940	179	38	51	90	70	11	63	174	645	303
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	840	666	103	17	30	56	60	11	58	147	437	192
TELEPHONE OPERATORS	278	270	8	2	-	6	-	-	-	24	184	70
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	3 129	400	2 729	2 651	39	39	-	-	64	192	1 715	1 108
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	3 546	3 044	486	292	38	156	16	-	67	402	2 166	832
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	302	302	-	-	-	-	-	-	-	11	189	87
BANK TELLERS	203	188	15	15	-	-	-	-	23	60	99	14
DATA-ENTRY KEYERS	121	100	21	6	8	7	-	-	8	-	72	41
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	6 490	4 888	1 461	408	317	736	123	18	214	640	3 712	1 828
SERVICE OCCUPATIONS	35 742	20 711	13 251	1 477	2 897	8 877	1 687	93	2 236	6 932	16 498	9 020
PRIVATE HOUSEHOLD OCCUPATIONS	235	229	-	-	-	-	6	-	41	55	55	84
PROTECTIVE SERVICE OCCUPATIONS	10 997	2 597	8 300	710	1 724	5 866	100	-	127	719	5 181	4 635
FIREFIGHTING OCCUPATIONS	1 936	66	1 870	287	239	1 344	-	-	9	30	296	1 527
POLICE AND DETECTIVES, PUBLIC SERVICE	3 152	-	3 152	138	613	2 401	-	-	5	43	1 699	1 315
GUARDS	3 204	2 417	687	168	162	357	100	-	113	598	1 677	1 711
OTHER PROTECTIVE SERVICE OCCUPATIONS	2 705	114	2 591	117	710	1 764	-	-	-	48	1 509	1 082
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	24 510	17 885	4 951	767	1 173	3 011	1 581	93	2 068	6 158	11 262	4 301
FOOD PREPARATION AND SERVICE OCCUPATIONS	10 211	9 424	477	176	153	150	270	40	970	3 868	3 441	1 621
WAITERS AND FOOD COUNTER WORKERS	1 104	1 071	23	6	17	-	5	5	130	535	276	130
COOKS	4 414	4 028	216	55	90	71	155	15	327	1 422	1 606	903
HEALTH SERVICE OCCUPATIONS	1 227	725	502	68	307	127	-	41	204	670	307	-
NURSING AIDS, ORDERLIES, AND ATTENDANTS	934	507	427	54	287	86	-	-	14	163	530	227
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	10 817	6 494	3 715	472	665	2 578	568	40	865	1 653	6 253	1 755
PERSONAL SERVICE OCCUPATIONS	2 255	1 242	257	53	48	156	743	13	192	433	898	618
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	1 113	465	30	19	7	4	618	-	32	76	559	417
FARMING, FORESTRY, AND FISHING OCCUPATIONS	16 817	11 656	1 422	190	216	1 016	3 491	248	965	1 926	6 896	6 550
FARM OPERATORS AND MANAGERS	2 899	1 045	21	8	-	13	1 833	-	94	166	667	1 909
FARM OCCUPATIONS, EXCEPT MANAGERIAL	7 552	7 222	118	33	10	75	8	204	310	804	2 840	3 414
RELATED AGRICULTURAL OCCUPATIONS	6 142	3 273	1 214	93	193	928	1 611	44	533	903	3 279	1 194
FORESTRY AND FISHING OCCUPATIONS	224	116	69	56	13	-	39	-	28	53	110	33
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	88 266	70 276	6 226	2 659	871	2 696	11 505	259	1 796	8 414	49 010	26 578
MECHANICS AND REPAIRERS	28 363	22 572	2 953	1 436	287	1 230	2 775	63	399	1 613	15 970	9 748
AUTOMOBILE MECHANICS, INCLUDING BODY	8 701	6 595	649	278	87	284	1 422	35	142	589	4 420	3 363
AIRCRAFT MECHANICS	922	603	300	284	6	10	19	-	-	28	703	174
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	1 184	795	210	66	25	119	179	-	4	153	804	182
OTHER MECHANICS AND REPAIRERS	17 556	14 579	1 794	808	169	817	1 155	28	253	843	10 043	6 029
CONSTRUCTION TRADES	37 565	28 096	2 009	632	410	967	7 287	173	1 157	5 682	21 155	8 301
CARPENTERS	8 502	6 680	294	98	54	142	1 461	67	257	1 509	4 905	1 466
ELECTRICIANS	4 221	3 475	423	146	97	180	312	11	83	359	2 685	967
PAINTERS, CONSTRUCTION AND MAINTENANCE	2 900	1 702	273	124	17	132	884	41	134	594	1 715	380
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	3 293	2 510	355	109	59	187	409	19	93	477	2 091	487
OTHER CONSTRUCTION TRADES	18 649	13 729	664	155	183	326	4 221	35	590	2 743	9 759	5 003
EXTRACTIVE OCCUPATIONS	503	466	8	-	8	29	-	-	17	6	220	236
PRECISION PRODUCTION OCCUPATIONS	21 835	19 142	1 256	591	174	491	1 414	23	223	1 113	11 665	8 293
SUPERVISORS, PRODUCTION OCCUPATIONS	10 309	9 486	553	251	61	241	265	5	64	243	5 291	4 517
MANUFACTURING	7 077	6 928	39	26	6	7	110	-	43	146	3 714	3 063
PRECISION METALWORKING OCCUPATIONS	5 561	4 953	269	166	40	63	331	8	47	344	2 972	2 054
TOOL AND DIE MAKERS	558	507	6	6	-	45	-	-	7	33	214	290
MACHINISTS	3 530	3 146	165	78	32	55	211	8	25	207	1 861	1 345
SHEET METAL WORKERS	604	576	28	28	-	-	-	-	-	62	386	133
OTHER PRECISION METAL WORKERS	869	724	70	54	8	8	75	-	15	42	511	286
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	690	385	5	5	-	-	294	6	17	132	291	221
PLANT AND SYSTEM OPERATORS	1 068	782	278	50	60	168	8	-	11	39	735	248
OTHER PRECISION PRODUCTION OCCUPATIONS	4 207	3 536	151	119	13	19	516	4	84	355	2 376	1 253

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

RIVERSIDE-SAN BERNARDINO- ONTARIO, CA SMSA	EMPLOYED PERSONS										PERSONS AT WORK				
	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS		15 TO 34 HOURS		35 TO 40 HOURS		41+ HOURS		
		TOTAL	FEDERAL	STATE			LOCAL								
TOTAL															
OPERATORS, FABRICATORS, AND LABORERS	75 361	66 809	4 798	1 667	668	2 463	3 626	128	1 972	9 292	39 329	22 082			
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	25 370	23 126	1 163	470	195	498	1 058	23	405	2 077	15 437	6 528			
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	15 359	14 025	692	235	161	296	630	12	270	1 304	9 095	4 061			
METALWORKING AND PLASTIC WORKING									60	196	1 341	775			
MACHINE OPERATORS	2 447	2 299	61	7	6	48	87	-	11	159	812	322			
PRINTING MACHINE OPERATORS	1 344	1 161	77	14	20	43	106	-	-	6	-	63			
TEXTILE, APPAREL, AND FURNISHINGS															
MACHINE OPERATORS	645	478	43	-	27	16	119	5	20	118	280	170			
TEXTILE MACHINE OPERATORS	62	49	13	-	13	-	-	-	-	5	44	13			
TEXTILE SEWING MACHINE OPERATORS	102	102	-	-	-	-	-	-	-	6	-	63			
LAUNDERING AND DRYCLEANING															
MACHINE OPERATORS	396	254	30	-	14	16	112	-	7	99	113	130			
OTHER SPECIFIED MACHINE OPERATORS	5 406	4 865	329	134	83	112	212	-	76	471	3 225	1 373			
MISCELLANEOUS AND NOT SPECIFIED															
MACHINE OPERATORS	5 517	5 222	182	80	25	77	106	7	103	360	3 437	1 421			
OCCUPATION:															
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	2 323	2 203	46	26	-	20	67	7	36	158	1 346	688			
MACHINE OPERATORS, NOT SPECIFIED	3 194	3 019	136	54	25	57	39	-	67	202	2 091	733			
INDUSTRY:															
MANUFACTURING	4 610	4 506	48	28	-	20	49	7	70	290	2 852	1 217			
NONDURABLE GOODS	1 254	1 219	20	-	-	20	8	-	18	104	757	343			
FOOD AND KINDRED PRODUCTS	231	247	4	-	-	4	-	-	-	10	171	70			
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	59	52	-	-	-	-	-	7	-	19	25	5			
PAPER AND ALLIED PRODUCTS	344	344	-	-	-	-	-	-	5	31	173	122			
OTHER NONDURABLE GOODS	600	576	16	-	-	16	8	-	13	44	388	146			
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	3 356	3 287	28	28	-	-	41	-	52	186	2 095	874			
METAL INDUSTRIES	1 365	1 330	28	28	-	-	7	-	9	62	819	405			
MACHINERY, INCLUDING ELECTRICAL EQUIPMENT	650	616	-	-	-	-	34	-	10	39	395	175			
TRANSPORTATION EQUIPMENT	397	397	-	-	-	-	-	-	11	18	219	116			
OTHER DURABLE GOODS	944	944	-	-	-	-	-	-	22	67	662	178			
NONMANUFACTURING INDUSTRIES	907	716	134	52	25	57	57	-	33	70	585	204			
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	204	174	30	14	-	16	-	-	-	-	154	50			
WHOLESALE AND RETAIL TRADE	288	260	3	3	-	25	-	6	6	15	195	57			
ALL OTHER INDUSTRIES	415	282	101	35	25	41	32	-	27	55	236	97			
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	8 066	7 394	272	112	22	138	389	11	112	700	5 131	1 851			
WELDERS AND CUTTERS	3 879	3 498	140	57	5	78	236	5	47	267	2 436	990			
ASSEMBLERS	3 783	3 596	101	47	9	45	80	6	58	331	2 487	781			
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	404	300	31	8	8	15	73	-	7	102	208	80			
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 945	1 707	199	123	12	64	39	-	23	73	1 211	616			
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	27 386	23 430	1 866	481	306	1 079	2 060	30	600	2 536	12 203	11 060			
MOTOR VEHICLE OPERATORS	18 675	15 787	1 155	258	165	732	1 714	19	414	1 823	7 657	8 129			
TRUCK DRIVERS AND DRIVER-SALES WORKERS	16 511	14 213	651	189	114	348	1 634	13	359	1 488	6 709	7 376			
BUS DRIVERS	1 073	706	346	5	45	296	15	6	10	174	490	370			
RAIL AND WATER TRANSPORTATION OCCUPATIONS	1 936	1 895	35	35	-	-	6	-	14	101	786	944			
MATERIAL MOVING EQUIPMENT OPERATORS	6 775	5 748	676	188	141	347	340	11	172	612	3 760	1 987			
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	709	531	63	-	5	58	115	-	16	90	360	216			
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	22 605	20 253	1 769	716	167	886	508	75	967	4 679	11 689	4 494			
CONSTRUCTION LABORERS	5 527	5 097	387	38	72	277	-	43	215	962	3 133	940			
FREIGHT, STOCK, AND MATERIAL HANDLERS	5 894	5 472	341	160	6	175	81	-	362	1 931	2 413	1 030			
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	1 789	1 625	102	59	-	43	51	11	103	512	719	410			
HAND PACKERS AND PACKAGERS	672	618	54	54	-	-	-	-	5	46	453	153			
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	2 063	1 892	139	47	47	45	19	13	105	444	1 018	409			
LABORERS, EXCEPT CONSTRUCTION	6 660	5 549	746	358	42	346	357	8	177	784	3 953	1 552			
MANUFACTURING	2 166	2 067	86	44	-	42	5	8	30	149	1 488	424			
NONDURABLE GOODS	487	478	9	-	-	9	-	-	24	53	311	91			
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 679	1 589	77	44	-	33	5	8	6	96	1 177	333			
METAL INDUSTRIES	797	784	13	13	-	-	-	-	6	40	580	149			
NONMANUFACTURING INDUSTRIES	4 494	3 482	660	314	42	304	352	-	147	635	2 465	1 128			
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	990	809	165	34	-	131	16	-	7	60	627	264			
WHOLESALE AND RETAIL TRADE	1 758	1 705	25	18	-	7	28	-	52	248	971	450			
ALL OTHER INDUSTRIES	1 746	968	470	262	42	166	308	-	88	327	867	414			

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B.]

RIVERSIDE-SAN BERNARDINO-
ONTARIO, CA SMSA

	EMPLOYED PERSONS										PERSONS AT WORK			
	PRIV. WAGE AND SALARY WORKERS TOTAL	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS	
		TOTAL	FEDERAL	STATE			LOCAL	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS				
TOTAL														
FEMALES 16 YEARS AND OVER														
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	251 882	180 695	55 781	8 590	10 156	37 035	12 888	2 518	16 164	64 193	131 213	31 389		
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	53 238	29 262	20 262	1 540	3 625	15 097	3 383	331	2 904	9 311	29 986	9 496		
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	20 857	15 205	3 642	843	868	1 931	1 724	286	529	2 650	12 539	4 684		
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	487	5	482	184	70	228	-	-	7	34	398	48		
MANAGERS, MEDICINE AND HEALTH	972	328	597	-	163	434	47	-	38	176	505	225		
OTHER SPECIFIED MANAGERS	373	284	71	12	10	49	18	-	7	52	224	90		
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	2 960	2 517	255	119	24	112	153	35	120	343	1 748	686		
MANUFACTURING	8 199	7 400	799	84	210	505	-	-	156	1 073	4 881	1 939		
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	651	651	-	-	-	-	-	-	6	78	398	150		
WHOLESALE AND RETAIL TRADE	4 441	2 422	19	6	13	-	-	-	43	348	1 251	752		
ALL OTHER INDUSTRIES	4 643	3 875	768	78	191	499	-	-	107	635	2 857	960		
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	1 465	-	-	-	-	-	1 279	186	41	271	557	571		
CONSTRUCTION	42	-	-	-	-	-	27	15	-	7	21	14		
MANUFACTURING	125	-	-	-	-	-	120	5	-	31	41	53		
WHOLESALE AND RETAIL TRADE	545	-	-	-	-	-	510	35	20	124	203	184		
ALL OTHER INDUSTRIES	753	-	-	-	-	-	622	131	21	109	292	320		
MANAGEMENT RELATED OCCUPATIONS	6 401	4 671	1 438	444	391	603	227	65	160	701	4 226	1 125		
ACCOUNTANTS AND AUDITORS	2 086	1 395	589	185	69	335	63	39	70	269	1 265	422		
BUYERS AND PURCHASING AGENTS	842	721	96	37	-	59	21	4	15	79	620	91		
PROFESSIONAL SPECIALTY OCCUPATIONS	32 381	14 057	16 620	697	2 757	13 166	1 659	45	2 375	6 661	17 447	4 812		
ENGINEERS, ARCHITECTS, AND SURVEYORS	374	306	62	12	11	39	6	-	6	26	246	68		
ARCHITECTS	35	16	19	6	-	13	-	-	-	-	35	-		
ENGINEERS	328	290	52	6	-	26	6	-	6	26	200	68		
ELECTRICAL AND ELECTRONIC ENGINEERS	101	101	-	-	-	-	-	-	-	-	67	19		
MECHANICAL ENGINEERS	11	11	-	-	-	-	-	-	-	-	6	5		
OTHER ENGINEERS	216	178	32	6	-	26	6	-	6	26	127	44		
SURVEYORS AND MAPPING SCIENTISTS	11	-	11	-	11	-	-	-	-	-	11	-		
MATHEMATICAL AND COMPUTER SCIENTISTS	229	191	38	12	-	26	-	-	-	-	28	164	37	
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	143	111	32	12	-	20	-	-	-	-	22	99	22	
NATURAL SCIENTISTS	302	157	130	41	73	16	15	-	6	58	176	56		
HEALTH DIAGNOSING OCCUPATIONS	438	257	77	14	13	50	104	-	20	53	167	187		
PHYSICIANS	330	200	77	14	13	50	53	-	13	35	111	160		
DENTISTS	49	20	-	-	-	29	-	-	7	-	27	15		
OTHER HEALTH DIAGNOSING PRACTITIONERS	59	37	-	-	-	22	-	-	-	18	29	12		
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	9 139	6 908	2 035	289	340	1 406	183	13	286	2 053	5 131	1 294		
REGISTERED NURSES	7 738	6 058	1 564	264	241	1 059	103	13	240	1 847	4 243	1 067		
PHARMACISTS	80	51	23	-	6	17	6	-	-	-	74	6		
THERAPISTS	886	485	332	20	56	256	69	-	34	147	545	133		
TEACHERS, LIBRARIANS, AND COUNSELORS	16 709	3 587	12 635	207	2 031	10 397	479	8	1 587	3 331	8 891	2 400		
TEACHERS, POSTSECONDARY	1 153	354	799	7	424	368	-	-	188	299	445	152		
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	11 503	2 452	9 020	88	1 111	7 821	23	8	745	2 153	6 544	1 745		
TEACHERS, SECONDARY	1 767	153	1 614	35	200	1 379	-	-	119	298	987	313		
SOCIAL SCIENTISTS AND URBAN PLANNERS	370	111	231	11	44	176	28	-	24	33	224	81		
SOCIAL AND RECREATION WORKERS	1 751	534	1 189	66	175	948	28	-	52	239	1 217	196		
RELIGIOUS WORKERS	267	214	10	-	-	10	43	-	33	57	101	76		
LAWYERS AND JUDGES	243	119	64	-	10	54	54	6	6	18	131	82		
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	2 559	1 673	149	45	60	44	719	18	355	765	999	335		
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	118 219	87 883	23 581	5 890	3 922	13 769	5 185	1 570	6 968	28 671	65 795	12 886		
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	6 639	4 995	1 504	210	431	863	121	19	319	1 161	3 956	871		
HEALTH TECHNOLOGISTS AND TECHNICIANS	4 223	3 571	579	78	115	386	61	12	170	856	2 424	559		
LICENSED PRACTICAL NURSES	2 379	2 032	306	63	38	205	35	6	102	486	1 348	316		
ENGINEERING AND SCIENCE TECHNICIANS	1 087	808	250	46	113	91	29	-	118	124	673	106		
ELECTRICAL AND ELECTRONIC TECHNICIANS	159	135	24	17	7	-	-	-	-	10	133	5		
DRAFTING AND SURVEYING TECHNICIANS	322	254	54	14	14	26	14	-	15	61	200	27		
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	1 329	616	675	86	203	386	31	7	31	181	859	206		
AIRPLANE PILOTS AND NAVIGATORS	7	7	-	-	-	-	-	-	-	-	-	-		
COMPUTER PROGRAMMERS	312	229	71	12	32	27	5	7	7	47	217	32		
SALES OCCUPATIONS	33 669	28 471	892	450	110	332	3 784	522	3 293	11 808	12 897	4 443		
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	3 607	2 229	47	24	10	13	1 211	120	127	479	1 684	1 206		
SELF-EMPLOYED	1 331	-	-	-	-	-	1 211	120	73	286	422	321		
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	5 812	4 678	60	24	-	36	1 015	59	405	1 310	2 579	1 287		
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	848	682	-	-	-	-	126	40	68	161	468	128		
SALES WORKERS, RETAIL AND PERSONAL SERVICES	23 332	20 812	785	402	100	283	1 432	303	2 655	9 832	8 166	1 816		
CASHIERS	10 140	9 382	518	238	56	224	185	55	810	4 326	3 694	862		
SALES RELATED OCCUPATIONS	70	70	-	-	-	-	-	-	38	26	-	-		

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B.]

RIVERSIDE-SAN BERNARDINO-
ONTARIO, CA SMSA

	PRIV. WAGE AND SALARY TOTAL WORKERS	EMPLOYED PERSONS						PERSONS AT WORK				
		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS		15 TO 34 HOURS		35 TO 40 HOURS	
		TOTAL	FEDERAL	STATE			LOCAL					
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	77 911	54 417	21 185	5 230	3 381	12 574	1 280	1 029	3 356	15 702	48 942	7 572
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	3 521	2 467	990	286	237	467	49	15	51	264	2 538	611
COMPUTER EQUIPMENT OPERATORS	1 200	940	260	97	14	149	-	-	26	123	833	199
SECRETARIES, STENOGRAFHERS, AND TYPISTS	24 969	16 346	7 907	1 625	1 454	4 828	417	299	939	4 478	16 881	2 038
SECRETARIES	20 180	14 531	5 098	1 007	1 081	3 010	257	294	652	3 516	13 770	1 761
RECEPTIONISTS	3 326	2 854	391	76	108	207	8	73	245	862	1 902	213
FILE CLERKS	1 131	825	306	61	18	227	-	-	108	290	621	53
FINANCIAL RECORDS PROCESSING OCCUPATIONS	11 495	9 136	1 359	311	154	894	576	424	616	2 434	6 703	1 400
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	9 750	7 726	1 034	236	92	706	566	424	554	2 253	5 515	1 154
TELEPHONE OPERATORS	2 362	2 205	144	51	36	57	13	-	47	366	1 524	308
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 341	390	951	896	20	35	-	-	76	222	802	235
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	2 168	1 717	439	296	49	94	12	-	42	331	1 371	363
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	470	445	25	-	14	11	-	-	7	20	409	28
BANK TELLERS	3 489	3 353	125	97	11	17	5	6	74	773	2 316	211
DATA-ENTRY KEYERS	1 277	965	312	100	33	179	-	-	45	106	967	111
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	21 162	12 774	7 976	1 334	1 233	5 409	200	212	1 080	5 433	12 075	1 802
SERVICE OCCUPATIONS	49 120	35 928	10 144	786	2 258	7 100	2 815	233	4 918	20 163	17 834	4 251
PRIVATE HOUSEHOLD OCCUPATIONS	2 676	2 668	-	-	-	-	8	-	545	987	687	339
PROTECTIVE SERVICE OCCUPATIONS	1 297	336	947	31	267	649	14	-	64	309	645	211
FIREFIGHTING OCCUPATIONS	52	6	46	4	15	27	-	-	15	-	10	19
POLICE AND DETECTIVES, PUBLIC SERVICE	235	-	235	5	43	187	-	-	-	14	162	53
GUARDS	649	323	312	16	40	256	14	-	33	288	207	75
OTHER PROTECTIVE SERVICE OCCUPATIONS	361	7	354	6	169	179	-	-	16	7	266	64
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	45 147	32 924	9 197	755	1 991	6 451	2 793	233	4 309	18 867	16 502	3 701
FOOD PREPARATION AND SERVICE OCCUPATIONS	19 364	16 534	2 316	266	403	1 647	340	174	1 815	9 654	6 042	1 254
WAITERS AND FOOD COUNTER WORKERS	10 110	9 736	180	67	30	83	124	70	947	5 497	2 791	594
COOKS	3 426	2 714	557	66	92	399	103	52	263	1 270	1 420	370
HEALTH SERVICE OCCUPATIONS	9 734	7 840	1 775	117	803	855	108	11	444	2 441	5 387	956
NURSING AIDS, ORDERLIES, AND ATTENDANTS	6 722	5 121	1 493	72	759	662	108	-	290	1 558	3 771	668
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	4 953	3 847	789	119	236	434	290	27	687	1 544	2 103	370
PERSONAL SERVICE OCCUPATIONS	11 096	4 703	4 317	253	549	3 515	2 055	21	1 363	5 228	2 970	1 121
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	3 662	2 494	20	-	8	12	1 136	12	249	1 457	1 403	410
FARMING, FORESTRY, AND FISHING OCCUPATIONS	3 973	3 043	242	20	58	164	538	150	357	1 086	1 692	658
FARM OPERATORS AND MANAGERS	488	139	11	-	11	338	-	-	57	89	122	192
FARM OCCUPATIONS, EXCEPT MANAGERIAL	1 973	1 770	72	7	9	56	-	131	151	586	810	313
RELATED AGRICULTURAL OCCUPATIONS	1 494	1 134	141	6	49	86	200	19	138	411	753	153
FORESTRY AND FISHING OCCUPATIONS	18	-	18	7	-	11	-	-	11	-	7	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	6 501	5 565	278	131	62	85	556	102	214	903	3 940	1 243
MECHANICS AND REPAIRERS	1 032	868	75	39	12	24	70	19	33	108	635	1 206
AUTOMOBILE MECHANICS, INCLUDING BODY	117	68	10	10	-	-	33	6	7	19	31	43
AIRCRAFT MECHANICS	28	15	13	13	-	-	-	-	-	4	11	13
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	11	11	-	-	-	-	-	-	-	-	11	-
OTHER MECHANICS AND REPAIRERS	876	774	52	16	12	24	37	13	26	85	582	150
CONSTRUCTION TRADES	732	540	33	13	6	14	129	30	50	170	346	146
CARPENTERS	137	111	-	-	-	-	26	-	9	38	60	30
ELECTRICIANS	56	45	11	6	-	5	-	-	-	6	41	9
PAINTERS, CONSTRUCTION AND MAINTENANCE	101	74	-	-	-	-	27	-	8	31	48	5
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	78	66	-	-	-	-	12	-	-	-	52	26
OTHER CONSTRUCTION TRADES	360	244	22	7	6	9	64	30	33	95	145	76
EXTRACTIVE OCCUPATIONS	3	3	-	-	-	-	-	-	-	-	3	-
PRECISION PRODUCTION OCCUPATIONS	4 734	4 154	170	79	44	47	357	53	131	625	2 956	891
SUPERVISORS, PRODUCTION OCCUPATIONS	1 821	1 606	124	54	31	39	76	15	42	163	1 129	457
MANUFACTURING	1 081	1 042	20	9	-	11	19	-	20	82	706	254
PRECISION METALWORKING OCCUPATIONS	438	418	5	-	5	-	15	-	50	312	68	-
TOOL AND DIE MAKERS	23	23	-	-	-	-	-	-	-	-	18	5
MACHINISTS	171	171	-	-	-	-	-	-	-	-	8	130
SHEET METAL WORKERS	14	14	-	-	-	-	-	-	-	-	14	33
OTHER PRECISION METAL WORKERS	230	210	5	-	5	-	15	-	-	42	150	30
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	501	307	-	-	-	-	178	16	28	170	230	56
PLANT AND SYSTEM OPERATORS	53	36	17	9	-	8	-	-	-	-	47	-
OTHER PRECISION PRODUCTION OCCUPATIONS	1 921	1 787	24	16	8	-	88	22	61	242	1 238	310

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B.]

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	PRIV. WAGE AND SALARY TOTAL WORKERS	EMPLOYED PERSONS					PERSONS AT WORK				
		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS	
		TOTAL	FEDERAL	STATE			LOCAL				
TOTAL											
OPERATORS, FABRICATORS, AND LABORERS . . .	20 831	19 014	1 274	223	231	820	411	132	803	4 059	11 966
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	13 247	12 721	308	123	71	114	182	36	298	1 771	8 511
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	6 698	6 325	227	83	57	87	110	36	237	1 051	4 243
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	374	345	22	7	15	-	7	-	-	45	252
PRINTING MACHINE OPERATORS	453	386	19	-	-	19	27	21	16	93	236
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	2 221	2 096	66	8	22	36	50	9	91	422	1 387
TEXTILE, MACHINE OPERATORS	48	48	-	-	-	-	-	-	-	15	21
TEXTILE SEWING MACHINE OPERATORS	1 360	1 303	25	-	17	8	32	-	45	245	927
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	570	502	41	8	5	28	18	9	23	97	321
OTHER SPECIFIED MACHINE OPERATORS	1 602	1 516	66	32	8	26	20	-	80	254	1 010
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	2 048	1 982	54	36	12	6	6	6	50	237	1 358
OCCUPATION:											
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	824	803	15	15	-	-	6	-	12	83	559
MACHINE OPERATORS, NOT SPECIFIED	1 224	1 179	39	21	12	6	-	6	38	154	799
INDUSTRY:											
MANUFACTURING	1 675	1 651	12	7	5	-	6	6	36	176	1 130
NONDURABLE GOODS	642	636	-	-	-	-	-	-	29	89	403
FOOD AND KINDRED PRODUCTS	72	72	-	-	-	-	-	-	-	8	59
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	54	54	-	-	-	-	-	-	-	5	49
PAPER AND ALLIED PRODUCTS	90	90	-	-	-	-	-	-	-	7	57
OTHER NONDURABLE GOODS	426	420	-	-	-	-	-	-	29	69	238
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 033	1 015	12	7	5	-	-	6	7	87	727
METAL INDUSTRIES	323	316	7	7	-	-	-	-	-	24	225
MACHINERY, INCLUDING ELECTRICAL	324	313	5	-	5	-	-	6	7	22	205
TRANSPORTATION EQUIPMENT	79	79	-	-	-	-	-	-	-	6	60
OTHER DURABLE GOODS	307	307	-	-	-	-	-	-	-	35	237
NONMANUFACTURING INDUSTRIES	373	331	42	29	7	6	-	-	14	61	228
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	39	31	8	8	-	-	-	-	-	-	18
WHOLESALE AND RETAIL TRADE	148	148	-	-	-	-	-	-	8	29	85
ALL OTHER INDUSTRIES	186	152	34	21	7	6	-	-	8	32	125
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	4 516	4 371	78	37	14	27	67	-	45	534	3 003
WELDERS AND CUTTERS	162	144	10	10	-	-	8	-	-	12	106
ASSEMBLERS	4 061	3 951	63	27	9	27	47	-	33	467	2 728
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	293	276	5	-	5	-	12	-	12	55	169
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	2 033	2 025	3	3	-	-	5	-	16	186	1 265
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	2 467	1 547	736	7	98	631	158	26	115	727	1 009
MOTOR VEHICLE OPERATORS	2 164	1 271	718	7	93	618	149	26	115	685	808
TRUCK DRIVERS AND DRIVER-SALES WORKERS	809	640	23	7	-	16	120	26	42	197	307
BUS DRIVERS	1 173	500	673	-	93	580	-	-	69	421	453
RAIL AND WATER TRANSPORTATION OCCUPATIONS	39	35	4	-	-	4	-	-	-	7	32
MATERIAL MOVING EQUIPMENT OPERATORS	264	241	14	-	5	9	9	-	-	35	169
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	9	-	-	-	-	-	9	-	-	-	9
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	5 117	4 746	230	93	62	75	71	70	390	1 561	2 446
CONSTRUCTION LABORERS	130	103	15	-	7	8	-	12	13	32	41
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 679	1 605	52	30	7	15	8	14	184	831	479
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	214	201	-	-	-	-	7	6	16	100	50
HAND PACKERS AND PACKAGERS	1 752	1 705	40	5	15	20	-	7	80	304	1 116
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	159	121	10	-	10	-	19	9	12	28	93
LABORERS, EXCEPT CONSTRUCTION	1 183	1 011	113	58	23	32	37	22	85	266	667
MANUFACTURING	461	460	13	-	-	13	8	-	28	37	337
NONDURABLE GOODS	127	120	7	-	-	7	-	-	22	16	72
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	354	340	6	-	-	6	8	-	6	21	265
METAL INDUSTRIES	82	82	-	-	-	-	-	-	-	13	58
NONMANUFACTURING INDUSTRIES	702	551	100	58	23	19	29	22	57	229	330
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	68	68	-	-	-	-	-	-	-	-	51
WHOLESALE AND RETAIL TRADE	291	280	5	5	-	-	-	6	4	102	147
ALL OTHER INDUSTRIES	343	203	95	53	23	19	29	16	53	127	132

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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RIVERSIDE-SAN BERNARDINO-
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	EMPLOYED PERSONS										PERSONS AT WORK			
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS	
		TOTAL	FEDERAL	STATE			LOCAL	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS				
WHITE														
MALES 16 YEARS AND OVER	304 431	224 637	45 346	10 838	8 989	25 519	33 697	751	9 225	32 959	150 568	103 846		
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	69 908	43 163	18 306	2 804	4 178	11 324	8 312	127	1 654	4 266	34 221	28 510		
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	37 644	26 976	5 878	1 451	1 227	3 200	4 722	68	538	1 600	17 216	17 678		
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	1 230	-	1 230	339	249	642	-	-	24	23	820	322		
MANAGEMENT RELATED OCCUPATIONS	7 415	4 677	1 848	694	365	789	884	6	122	370	4 141	2 436		
PROFESSIONAL SPECIALTY OCCUPATIONS	32 264	16 187	12 428	1 353	2 951	8 124	3 590	59	1 116	2 666	17 005	10 832		
ENGINEERS AND NATURAL SCIENTISTS	9 332	6 838	2 035	822	518	695	447	12	65	428	6 178	2 519		
ENGINEERS	6 737	5 379	1 128	485	242	401	230	-	23	223	4 573	1 815		
HEALTH DIAGNOSING OCCUPATIONS	3 084	1 620	322	117	52	153	1 142	-	55	317	862	1 766		
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	1 698	1 202	394	102	69	223	90	12	19	118	849	677		
TEACHERS, LIBRARIANS, AND COUNSELORS	9 558	1 693	7 702	92	1 829	5 781	156	7	551	924	5 079	2 780		
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	6 174	472	5 702	46	772	4 884	-	-	224	454	3 557	1 831		
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	57 676	43 536	7 003	3 706	1 167	2 130	7 019	118	1 810	6 604	27 093	20 921		
HEALTH TECHNOLOGISTS AND TECHNICIANS	1 158	908	238	87	53	98	12	-	-	116	563	437		
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	7 169	5 294	1 526	481	474	571	342	7	219	671	4 195	1 914		
SALES OCCUPATIONS	32 823	26 138	215	90	30	95	6 399	71	1 154	4 303	12 914	13 724		
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	8 209	5 651	41	35	-	6	2 488	29	160	371	2 481	4 980		
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	13 533	10 582	67	27	16	24	2 872	12	379	1 412	6 183	5 341		
OTHER SALES OCCUPATIONS	11 081	9 905	107	28	14	65	1 039	30	615	2 520	4 250	3 403		
CASHIERS	2 057	1 961	69	18	-	51	27	-	107	688	870	355		
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	16 526	11 196	5 024	3 048	610	1 366	266	40	437	1 514	9 421	4 846		
COMPUTER EQUIPMENT OPERATORS	488	375	106	35	11	60	7	-	8	38	281	150		
SECRETARIES, STENOGRAPHERS, AND TYPISTS	403	232	137	25	26	86	23	11	23	52	212	95		
FINANCIAL RECORDS PROCESSING OCCUPATIONS	979	771	140	38	46	56	57	11	59	147	489	269		
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	2 455	329	2 126	2 066	27	33	-	-	64	165	1 275	906		
SERVICE OCCUPATIONS	28 132	16 010	10 649	1 081	2 192	7 376	1 423	50	1 852	5 817	12 246	7 437		
PRIVATE HOUSEHOLD OCCUPATIONS	150	144	-	-	-	6	-	41	30	39	40			
PROTECTIVE SERVICE OCCUPATIONS	9 705	2 319	7 292	639	1 424	5 229	94	-	111	649	4 445	4 206		
POLICE AND FIREFIGHTERS	4 557	61	4 496	402	766	3 328	-	-	5	60	1 735	2 602		
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	18 277	13 547	3 357	442	768	2 147	1 323	50	1 700	5 138	7 762	3 191		
FOOD SERVICE OCCUPATIONS	7 443	6 976	250	66	79	2 105	1 209	8	746	3 207	2 188	1 113		
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	8 172	5 070	2 576	300	420	1 856	491	35	766	1 360	4 486	1 360		
FARMING, FORESTRY, AND FISHING OCCUPATIONS	11 526	7 435	1 072	141	161	770	2 893	126	783	1 369	4 379	4 659		
FARM OPERATORS AND MANAGERS	2 576	880	21	8	-	13	1 675	-	88	166	564	1 695		
FARM WORKERS AND RELATED OCCUPATIONS	8 736	6 439	986	81	148	757	1 185	126	673	1 150	3 709	2 931		
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	77 055	61 084	5 014	2 028	773	2 213	10 737	220	1 525	7 312	42 252	23 868		
MECHANICS AND REPAIRERS	24 883	19 850	2 403	1 113	256	1 034	2 574	56	293	1 483	13 788	8 759		
CONSTRUCTION TRADES	32 983	24 458	1 574	438	372	764	6 810	141	1 003	4 861	18 444	7 562		
PRECISION PRODUCTION OCCUPATIONS	18 720	16 339	1 034	477	145	412	1 324	23	212	962	9 805	7 328		
OPERATORS, FABRICATORS, AND LABORERS	60 134	53 409	3 302	1 078	518	1 706	3 313	110	1 601	7 591	30 377	18 451		
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	11 974	10 910	470	165	124	181	589	5	240	1 048	6 958	3 233		
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	7 728	6 987	336	181	13	142	394	11	129	533	4 855	1 955		
TRANSPORTATION OCCUPATIONS	17 694	15 241	881	179	141	561	1 553	19	376	1 629	6 946	8 109		
MOTOR VEHICLE OPERATORS	16 011	13 587	858	156	141	561	1 547	19	370	1 528	6 318	7 245		
MATERIAL MOVING EQUIPMENT OPERATORS	5 398	4 559	505	128	100	277	334	-	148	500	2 912	1 657		
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	17 340	15 712	1 110	425	140	545	443	75	708	3 881	8 706	3 497		
CONSTRUCTION LABORERS	4 135	3 772	320	38	65	217	-	43	131	740	2 282	790		
FREIGHT, STOCK, AND MATERIAL HANDLERS	4 855	4 573	222	105	6	111	60	-	247	1 724	1 886	893		

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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RIVERSIDE-SAN BERNARDINO-
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	EMPLOYED PERSONS								PERSONS AT WORK						
	PRIV. WAGE AND SALARY TOTAL WORKERS	GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS					15 TO 34 HOURS			
		TOTAL	FEDERAL	STATE			1	TO	14	15	TO	34	35	TO	40
WHITE															
FEMALES 16 YEARS AND OVER	213 832	154 411	45 305	6 517	8 293	30 495	11 854	2 262	14 085	55 011	109 843	27 586			
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	47 399	26 497	17 434	1 269	3 070	13 095	3 145	323	2 638	8 280	26 363	8 750			
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	18 876	13 959	3 038	734	715	1 589	1 593	286	486	2 438	11 209	4 333			
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	423	5	418	161	54	203	-	-	7	34	340	42			
MANAGEMENT RELATED OCCUPATIONS	5 670	4 243	1 142	375	289	478	220	65	145	628	3 673	1 056			
PROFESSIONAL SPECIALTY OCCUPATIONS	28 523	12 538	14 396	535	2 355	11 506	1 552	37	2 152	5 842	15 154	4 417			
ENGINEERS AND NATURAL SCIENTISTS	780	565	194	53	79	62	21	-	12	99	506	136			
ENGINEERS	285	261	18	-	18	6	-	-	6	18	185	55			
HEALTH DIAGNOSING OCCUPATIONS	334	218	54	14	6	34	62	-	13	47	104	159			
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	7 908	6 068	1 686	240	282	1 164	141	13	263	1 858	4 302	1 162			
TEACHERS, LIBRARIANS, AND COUNSELORS	14 902	3 315	11 114	128	1 750	9 236	473	-	1 412	2 832	7 949	2 237			
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	11 812	2 400	9 395	50	1 148	8 197	17	-	744	2 064	6 738	1 936			
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	104 110	78 563	19 163	4 591	3 287	11 285	4 904	1 480	6 219	25 543	57 421	11 558			
HEALTH TECHNOLOGISTS AND TECHNICIANS	3 391	2 956	375	25	81	269	54	6	170	731	1 866	436			
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	2 134	1 249	823	115	273	435	55	7	134	267	1 354	276			
SALES OCCUPATIONS	30 538	25 827	655	277	103	275	3 573	483	3 034	10 642	11 652	4 120			
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	3 349	2 072	34	19	10	5	1 128	115	119	468	1 529	1 122			
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	6 309	5 026	55	19	-	36	1 129	99	466	1 385	2 880	1 362			
OTHER SALES OCCUPATIONS	20 880	18 729	566	239	93	234	1 316	269	2 449	8 789	7 243	1 636			
CASHIERS	8 917	8 358	364	126	49	189	174	21	692	3 819	3 245	768			
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	68 047	48 531	17 310	4 174	2 830	10 306	1 222	984	2 881	13 903	42 549	6 726			
COMPUTER EQUIPMENT OPERATORS	1 059	854	205	67	14	124	-	-	26	117	719	183			
SECRETARIES, STENOGRAHERS, AND TYPISTS	21 909	14 774	6 461	1 343	1 192	3 926	390	284	798	3 997	14 786	1 813			
FINANCIAL RECORDS PROCESSING OCCUPATIONS	10 659	8 496	1 189	248	154	787	568	406	588	2 350	6 131	1 290			
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 117	347	770	729	13	28	-	-	76	208	634	193			
SERVICE OCCUPATIONS	39 028	29 075	7 372	374	1 686	5 312	2 446	135	4 120	16 452	13 440	3 556			
PRIVATE HOUSEHOLD OCCUPATIONS	1 848	1 840	-	-	-	-	8	-	389	673	444	277			
PROTECTIVE SERVICE OCCUPATIONS	1 043	256	780	22	217	541	7	-	56	254	504	180			
POLICE AND FIREFIGHTERS	245	6	239	9	44	186	-	-	15	14	142	60			
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	36 137	26 979	6 592	352	1 469	4 771	2 431	135	3 675	15 525	12 492	3 099			
FOOD SERVICE OCCUPATIONS	16 490	14 310	1 794	97	324	1 373	287	99	1 642	8 408	4 914	1 041			
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	3 377	2 615	509	81	154	274	240	13	528	1 024	1 371	288			
FARMING, FORESTRY, AND FISHING OCCUPATIONS	2 671	1 929	146	20	26	100	477	119	300	763	1 064	459			
FARM OPERATORS AND MANAGERS	431	128	6	-	-	6	297	-	57	89	95	175			
FARM WORKERS AND RELATED OCCUPATIONS	2 222	1 801	122	13	26	83	180	119	232	674	962	294			
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	5 281	4 482	203	81	56	66	494	102	158	790	3 141	1 014			
MECHANICS AND REPAIRERS	886	740	57	29	12	16	70	19	20	93	551	178			
CONSTRUCTION TRADES	650	492	20	6	-	14	108	30	38	157	305	130			
PRECISION PRODUCTION OCCUPATIONS	3 745	3 250	126	46	44	36	316	53	100	540	2 285	706			
OPERATORS, FABRICATORS, AND LABORERS	15 343	13 865	987	182	168	637	388	103	650	3 183	8 414	2 249			
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	4 743	4 451	155	68	23	64	101	36	207	786	2 891	565			
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	4 652	4 542	41	27	4	10	69	-	42	472	2 997	873			
TRANSPORTATION OCCUPATIONS	1 881	1 107	599	-	79	520	149	26	107	563	721	393			
MOTOR VEHICLE OPERATORS	1 853	1 083	595	-	79	516	149	26	107	556	700	393			
MATERIAL MOVING EQUIPMENT OPERATORS	203	180	14	-	5	9	9	-	-	18	136	35			
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	3 864	3 585	178	87	57	34	60	41	294	1 344	1 669	385			
CONSTRUCTION LABORERS	123	96	15	-	7	8	-	12	13	25	41	26			
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 404	1 358	31	24	7	-	8	7	137	754	390	83			

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	PRIV. WAGE AND SALARY TOTAL WORKERS	EMPLOYED PERSONS					PERSONS AT WORK				
		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS	
		TOTAL	FEDERAL	STATE			LOCAL				
BLACK											
MALES 16 YEARS AND OVER	13 424	8 415	4 204	1 655	781	1 768	767	38	467	1 480	7 991
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	2 165	1 048	929	192	180	557	188	-	71	201	1 229
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	1 099	565	395	137	65	193	139	-	32	74	591
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	66	-	66	21	21	24	-	-	-	-	31
MANAGEMENT RELATED OCCUPATIONS	266	116	145	62	35	48	5	-	7	5	193
PROFESSIONAL SPECIALTY OCCUPATIONS	1 086	483	534	55	115	364	49	-	39	127	638
ENGINEERS AND NATURAL SCIENTISTS	229	196	28	16	-	12	5	-	7	26	139
ENGINEERS	174	152	22	10	-	12	-	-	-	20	110
HEALTH DIAGNOSING OCCUPATIONS	76	57	13	-	-	13	6	-	7	-	33
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	42	14	28	10	5	13	-	-	-	11	24
TEACHERS, LIBRARIANS, AND COUNSELORS	399	56	339	23	85	231	4	-	10	51	280
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	231	8	223	7	42	174	-	-	-	29	167
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2 591	1 477	919	632	67	220	184	11	33	247	1 677
HEALTH TECHNOLOGISTS AND TECHNICIANS	144	78	66	39	9	18	-	-	11	-	75
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	178	111	58	36	-	22	9	-	-	26	123
SALES OCCUPATIONS	918	706	39	11	11	17	162	11	12	126	550
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	195	114	-	-	-	-	70	11	-	26	67
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	346	265	23	6	-	17	58	-	7	34	218
OTHER SALES OCCUPATIONS	577	327	16	5	11	-	34	-	5	66	265
CASHIERS	112	87	11	-	11	-	14	-	-	30	73
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	1 351	582	756	546	47	163	13	-	21	84	929
COMPUTER EQUIPMENT OPERATORS	41	10	31	20	-	11	-	-	-	-	41
SECRETARIES, STENOGRAPHERS, AND TYPISTS	15	7	8	-	-	8	-	-	-	-	15
FINANCIAL RECORDS PROCESSING OCCUPATIONS	102	57	32	-	5	27	13	-	-	5	79
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	332	24	308	296	12	-	-	-	-	12	192
SERVICE OCCUPATIONS	2 672	1 394	1 209	242	398	569	69	-	199	378	1 468
PRIVATE HOUSEHOLD OCCUPATIONS	27	27	-	-	-	-	-	-	-	17	-
PROTECTIVE SERVICE OCCUPATIONS	551	145	406	43	116	247	-	-	16	25	322
POLICE AND FIREFIGHTERS	192	-	192	16	18	158	-	-	9	-	97
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	2 094	1 222	803	199	282	322	69	-	183	336	1 146
FOOD SERVICE OCCUPATIONS	702	528	174	80	66	28	-	-	102	207	305
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	1 030	483	505	91	167	247	42	-	62	118	625
FARMING, FORESTRY, AND FISHING OCCUPATIONS	324	190	96	19	31	46	32	6	21	86	145
FARM OPERATORS AND MANAGERS	15	15	-	-	-	-	-	-	-	-	15
FARM WORKERS AND RELATED OCCUPATIONS	305	175	92	15	31	46	32	6	21	86	126
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	2 354	1 675	463	253	35	175	202	14	62	197	1 436
MECHANICS AND REPAIRERS	856	551	233	131	12	90	65	7	25	45	535
CONSTRUCTION TRADES	827	566	142	67	13	62	112	7	33	98	524
PRECISION PRODUCTION OCCUPATIONS	666	553	88	55	10	23	25	-	4	54	377
OPERATORS, FABRICATORS, AND LABORERS	3 318	2 631	588	317	70	201	92	7	81	371	2 036
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	645	553	78	30	23	25	7	7	4	40	451
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	447	380	56	37	9	10	11	-	-	54	302
TRANSPORTATION OCCUPATIONS	829	640	133	52	24	57	56	-	18	81	459
MOTOR VEHICLE OPERATORS	779	590	133	52	24	57	56	-	18	81	418
MATERIAL MOVING EQUIPMENT OPERATORS	347	284	63	41	7	15	-	-	6	26	217
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 050	774	258	157	7	94	18	-	53	170	607
CONSTRUCTION LABORERS	211	189	22	-	7	15	-	-	11	42	110
FREIGHT, STOCK, AND MATERIAL HANDLERS	265	200	50	34	-	16	15	-	34	50	124

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDICES A AND B.]

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	PRIV. WAGE AND SALARY WORKERS	EMPLOYED PERSONS					PERSONS AT WORK				
		GOVERNMENT WORKERS			SELF- EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS				41+ HOURS
		TOTAL	FEDERAL	STATE			LOCAL	15 TO 34 HOURS	35 TO 40 HOURS	40+ HOURS	
BLACK											
FEMALES 16 YEARS AND OVER	11 862	7 003	4 581	987	823	2 771	260	18	613	2 696	6 871
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	2 209	831	1 308	117	267	924	62	8	118	364	1 405
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	732	388	313	59	72	182	31	-	17	43	544
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	51	-	51	23	8	20	-	-	-	-	45
MANAGEMENT RELATED OCCUPATIONS	292	149	136	36	46	54	7	-	8	9	235
PROFESSIONAL SPECIALTY OCCUPATIONS	1 477	443	995	58	195	742	31	8	103	321	861
ENGINEERS AND NATURAL SCIENTISTS	47	41	6	-	-	6	-	-	-	-	35
ENGINEERS	12	12	-	-	-	-	-	-	-	-	5
HEALTH DIAGNOSING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	7
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	362	226	105	26	23	56	31	-	4	80	225
TEACHERS, LIBRARIANS, AND COUNSELORS	824	97	719	26	137	556	-	8	85	194	457
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	665	76	581	20	74	487	-	8	69	157	358
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	4 794	2 842	1 880	670	175	1 035	72	-	186	984	2 993
HEALTH TECHNOLOGISTS AND TECHNICIANS	403	263	140	53	27	60	-	-	-	66	251
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	49	37	12	-	-	12	-	-	-	7	34
SALES OCCUPATIONS	895	716	131	102	-	29	48	-	47	318	390
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	90	74	8	-	-	8	8	-	-	6	52
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	82	76	-	-	-	-	6	-	-	10	44
OTHER SALES OCCUPATIONS	723	566	123	102	-	21	34	-	47	302	294
CASHIERS	316	226	90	79	-	11	-	-	21	116	137
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	3 447	1 826	1 597	515	148	934	24	-	139	593	2 318
COMPUTER EQUIPMENT OPERATORS	61	23	38	20	-	18	-	-	-	-	61
SECRETARIES, STENOGRAPHERS, AND TYPISTS	1 058	508	541	120	78	343	9	-	61	163	780
FINANCIAL RECORDS PROCESSING OCCUPATIONS	207	132	67	44	-	23	8	-	5	11	143
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	112	13	99	99	-	-	-	-	-	5	107
SERVICE OCCUPATIONS	3 470	2 157	1 213	149	330	734	90	10	261	1 107	1 687
PRIVATE HOUSEHOLD OCCUPATIONS	262	262	-	-	-	-	-	-	44	116	73
PROTECTIVE SERVICE OCCUPATIONS	125	25	100	9	38	53	-	-	-	36	71
POLICE AND FIREFIGHTERS	12	-	12	-	8	4	-	-	-	-	12
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	3 083	1 870	1 113	140	292	681	90	10	217	955	1 543
FOOD SERVICE OCCUPATIONS	691	431	236	68	54	114	17	7	16	299	298
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	599	445	144	7	65	72	10	-	82	160	280
FARMING, FORESTRY, AND FISHING OCCUPATIONS	73	27	30	-	25	5	16	-	-	-	55
FARM OPERATORS AND MANAGERS	26	5	5	-	-	5	16	-	-	-	13
FARM WORKERS AND RELATED OCCUPATIONS	47	22	25	-	25	-	-	-	-	-	42
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	267	217	41	24	6	11	9	-	14	10	163
MECHANICS AND REPAIRERS	45	39	6	6	-	-	-	-	-	-	33
CONSTRUCTION TRADES	32	19	13	7	6	-	-	-	5	-	20
PRECISION PRODUCTION OCCUPATIONS	187	156	22	11	-	11	9	-	9	10	107
OPERATORS, FABRICATORS, AND LABORERS	1 049	929	109	27	20	62	11	-	34	231	568
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	360	339	21	8	13	-	-	-	-	46	226
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	307	289	18	13	-	5	-	-	-	63	206
TRANSPORTATION OCCUPATIONS	161	112	49	-	7	42	-	-	-	64	62
MOTOR VEHICLE OPERATORS	150	101	49	-	7	42	-	-	-	64	51
MATERIAL MOVING EQUIPMENT OPERATORS	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	221	189	21	6	-	15	11	-	34	58	74
CONSTRUCTION LABORERS	7	7	-	-	-	-	-	-	-	7	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	108	87	21	6	-	15	-	-	23	21	15